

# Liste von Abkürzungen/List of Abbreviations

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oder/or <http://www.guicking.de/dieter/abk-allg.pdf>. Erläuterungen meistens deutsch und englisch/Comments mostly in German and English.

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## A

A	Adenin (DNA-Base/DNA base)
a...	Atto... (Präfix/prefix): $10^{-18}$
AA	Anhydrous Ammonia
AA	Atomic Absorption
AA	Automatic (or: Automated) Attendant [Facility] (Telekommunikation/telecommunication)
AA	Automobile Association (UK)
AAA	Abdominal Aortic Aneurism (Medicine)
AAA	Akademisches Auslandsamt
AAA	American Association of Anatomists
AAA	American Automobile Association
AAA	Aromatic Amino Acid
AAA	Austrian Acoustics Association
AAA	Authentication, Authorization and Accounting (Telekommunikation/telecommunication)
AAAA	Alps-Adria Acoustics Association (seit/since Sept. 2002)
AAAA	Authentication, Authorization, Accounting and Auditing (Telekommunikation/telecommunication)
AAAF	Association Aéronautique et Astronautique de France
AAAI	American Association for Artificial Intelligence
AAAS	American Association for the Advancement of Science
AABBA	Aural Assessment by Means of Binaural Algorithms (international expert group)
AAC	Academic Assistance Council (London, UK, since April 1933; later on: SPSL)
AAC	Advanced Audio Coding
AACG	American Association for Crystal Growth
AAC-LD	Low-Delay Advanced Audio Coding
AACR	American Association for Cancer Research
AAES	American Association of Engineering Societies
AAF	Anterior Auditory Field (im Gehirn/in the brain)
AAG	Aufwendungsausgleichsgesetz
AAI	Austrian Archeological Institute
AAID	American Academy of Implant Dentistry
AAL	Ambient Assisted Living (Fraunhofer-Allianz)
AAL	ATM Adaptation Layer
AALL	American Association of Law Libraries
AAM	Advanced Acoustic Model
AAP	Australian Academic Press
AAPM	American Association of Physicists in Medicine
AAPS	American Association of Pharmaceutical Scientists
AAPPS	Association of Asia Pacific Physical Societies
AAPT	American Association of Physics Teachers
AARD	Advanced Accelerator Research and Development
AARI	([St. Petersburg] Institut für Arktis- und Antarktisforschung)
AARTFAAC	Amsterdam-ASTRON Radio Transients Facility and Analysis Centre
AARV	Arctic Area Research Vessel
AAS	Advanced Automation System
AAS	American Astronautical Society
AAS	American Astronomical Society
AAS	Atomic Absorption Spectrometry, Atom-Absorptions-Spektrometrie
AAS	Australian Acoustical Society
AASCU	American Association of State Colleges and Universities
AASF	Afrikanisch-Asiatische Studentenförderung e.V. (Göttingen)
AASHTO	American Association of State Highway and Transportation Officials
AAT	Anglo-Australian Telescope
AATSR	Advanced Along Track Scanning Radiometer (ENVISAT)
AAU	Association of American Universities
AAUP	American Association of University Professors (or: Presses) (USA)
AAUW	American Association of University Women
AAV	adeno-assoziierte Viren
AAV	[Yakir] Aharonov, [David] Albert, [Lev] Vaidman (novel approach to quantum mechanics, published 1988)
AB	Alberta (Province of Canada)
ABA	American Board of Audiology
ABA	Applied Behavioural Analysis
ABB	Asea Brown Boveri AG (Mannheim, DE)
ABC	Absorbing Boundary Condition (acoustics)
ABC	Atanasoff-Berry Computer (Iowa State College, USA, 1938–1942)
ABDO	Allgemeine Bestimmungen für Diplomprüfungsordnungen
ABE	Amtliche Betriebserlaubnis (Typprüfung Kfz)
ABE	Automated Benthic Explorer
ABET	Accrediting Board of Engineering and Technology (USA)

ABG	Automatisierte biometriegestützte Grenzkontrolle
ABK	Allgemeine berufsqualifizierende Kompetenzen (im Bachelor-Studiengang)
ABL	[Yakir] Aharonov, [Peter] Bergmann, [Joel] Lebovitz (novel approach to quantum mechanics, published 1964)
ABL	Airborne Laser (US Waffe/weapon)
ABM	Advanced Buffer Material
ABM	Agent-Based Model
ABM	Anti-Ballistic Missile
ABMF	Account Balance Management Function (Telekommunikation/telecommunication)
ABR	Auditory Brainstem Response
ABR	Available Bit Rate
ABRIXAS	A Broad-Band Imaging X-Ray All-Sky Survey (Satellit 1999, aufgegeben/satellite 1999, abandoned)
ABS	Accelerator and Beam Science
ABS	Acrylnitril-Butadien-Styrol
ABS	Alternate Billing Service
ABS	Antiblockiersystem; Anti-Lock Braking System (Kfz/motor vehicle)
ABS	Automatic Block Signaling (Eisenbahntechnik/railway technology)
ABT	Ausschuss für Begutachtertraining (DAR, Normungsarbeit)
ABU	Asia(-Pacific) Broadcasting Union
ABV	Alcohol by Volume
AC	Accelerator Cluster (supercomputing)
AC	Access Controller (Telekommunikation/telecommunication)
AC	Admission Control (Telekommunikation/telecommunication)
AC	Air Conditioning
AC	Alternating Current (Wechselstrom)
AC	Attachment Circuit (Telekommunikation/telecommunication)
AC	Auditory Cortex
ACA	Academic Cooperation Association (europäische Organisation/European organisation)
ACA	Aircraft Carrier Alliance (GB)
ACA	American Crystallographic Association
ACA	Arms Control Association
ACA	Atacama Compact Array
ACACIA	Arid Climate, Adaptation and Cultural Innovation in Africa (SFB 389 der DFG)
ACAP	Advanced Common Application Platform (Telekommunikation/telecommunication)
ACAP	Automated Content Access Protocol (Urheberrecht/copyright)
A-CAPI	Accessnet <sup>(R)</sup> -T-Common Application Programming (Telekommunikation/telecommunication)
AC-APU	Air-Conditioning Auxiliary Power Unit
ACARE	Advisory Council for Aeronautic(s) (or: Aviation) Research (and Innovation) in Europe
A-CBC	Akkreditierungsagentur für die Studiengänge Chemie, Biochemie und Chemieingenieurwesen an Universitäten und Fachhochschulen
ACC	Active (or: Adaptive) Cruise Control (Kfz/motor vehicle)
ACC	Advanced Cruise Control
ACC	Antarctic Circumpolar Current (of the ocean)
ACC	Anterior Cingulate Cortex
ACC	Anticollision Code (Fingerabdruck für Multimedia/Fingerprint for Multimedia)
ACCcase	Acetyl-CoA-Carboxylase (Enzym)
ACCES	Airport and Control Center Simulator (DLR)
ACCESS	Alternative Fuel Effects on Contrails and Cruise Emissions (aircraft fuel)
ACCESS	Attenuating Custom Communication Earpiece System (active noise reduction earplug)
ACCESS	Australian Community Climate and Earth System Simulator
ACCP	American College of Clinical Pharmacology
ACCU	Advisory Committee of CERN Users
ACD	Advanced Chemistry Development
ACD	Automatic Call Distribution
A-CDM	Airport Collaborative Decision Making
ACE	Advanced Composition Explorer (NASA)
ACE	Advanced Computing Environment
ACE	Advanced Control Education
ACE	American Council on Exercise
ACE	Angiotensin-Converting Enzyme
ACE	Antenna Coupling Equipment (Telekommunikation/telecommunication)
ACE	Application Creation Environment (Telekommunikation/telecommunication)
ACE	Atmospheric Compensation Experiment (adaptive Optik/adaptive optics)
ACE	Community Action for Cooperation in the Field of Economics (EU)
ACELP	Adaptive Code-Excited Linear Prediction
ACEnet	Atlantic Computational Excellence Network
ACES	Active Control Evaluation for Systems
ACES	Atlantic Coral Ecosystem Study
ACES	Atomic Clock Ensemble in Space
ACES	Optimal Acoustic Equivalent Source Descriptors for Automotive Noise Modelling
ACESA	Advanced Composites with Embedded Sensors and Actuators
ACEX	Arctic Coring Expedition
ACF	Autocorrelation Function
ACI	Adjacent Channel Interference (Telekommunikation/telecommunication)
ACI	American Competitive Initiative
ACIA	Asynchronous Communication Interface Adapter
ACK	Acknowledge(ment) (Datenübertragung/data transfer)
ACL	Access Control List (Telekommunikation/telecommunication)
ACL	Active and Cooperative Learning (Signalverarbeitung/signal processing)

ACL	Agent Communication Languages
ACL	Asynchronous Connectionless Link (Telekommunikation/telecommunication)
ACLR	Adjacent Channel Leakage (Power) Ratio (Telekommunikation/telecommunication)
ACM	Active Control Mount
ACM	Adaptive Coding (and) Modulation
ACM	Association for Computing Machinery
ACMA	Automotive Component Manufacturers Association
ACME	Advanced Cold Molecule Electron Restraint System (air bag)
ACMP	American College of Medical Physics
ACMP	Applied and Computational Mathematics Program (in DARPA)
ACO	Ant Colony Optimization
ACP	Advanced Computing Project (Fermilab, $\approx$ 1980)
ACP	Adjacent Channel Power (Telekommunikation/telecommunication)
ACP	American Center of (or: for) Physics (College Park, MD, USA)
ACP	American College of Physicians
ACPS	Advection-Dominated Accretion Flow (Astrophysik/astrophysics)
ACQ	Active Quenching Circuitry
ACRC	Advanced Computing Research Centre (University of Bristol, UK)
ACRE	Atmospheric Circulation Reconstruction
ACRIDICON	Aerosol, Cloud, Precipitation and Radiation Interactions and Dynamics of Convective Cloud Systems
ACRL	Adjacent Channel Leakage Power Ratio (Telekommunikation/telecommunication)
ACRL	Association of College & Research Libraries
ACRS	Air Cushion Restraint System
ACRV	Assured Crew Return Vehicle (Raumfahrt/spacecraft)
ACS	Advanced Camera for Surveys (Astrophysik/astrophysics)
ACS	akutes Koronarsyndrom
ACS	American Cancer Society
ACS	American Chemical Society
ACS	Assoziation Controllo Strutturale (IT)
ACS	Attitude Control System (Raketentechnik/rocket control)
ACS	Automated Characterization Suite (software)
ACSI	American Customer Satisfaction Index
ACSI	Atari Computer System Interface
ACSR	Active Control of Structural Response
ACT	Active Control Technology (Flugzeug/aircraft)
ACT	Adaptive Cell Transfer, adaptiver Zelltransfer
ACT	Advanced Concepts Team (ESA)
ACT	African Centre for Technology Studies
ACT	Antichymotrypsin (Plasmaprotein)
ACT	Atacama Cosmology Telescope
ACT	autologe Chondrozytentransplantation (körpereigene Knorpelzellen-Transplantation)
ACTA	Anti-Counterfeiting Trade Agreement
ACTA	Atmospheric Cherenkov Telescope Array
ACTD	Advanced Concept Technology Demonstration (USA)
ACTH	Adrenocorticotropes Hormon
ACTS	Advanced Communication Technologies and Services (EC)
ACVB	Aortokoronarer Venen-Bypass (Gefäßchirurgie)
AD	Administration Module
AD	Alzheimer's Disease
AD	Andorra (ISO 3166)
AD	ante dominum
AD	Antiproton Decelerator
AD	Authorized Domain
ADA	Acoustic Distribution Array
ADA	American Disabilities Act
ADAC	Allgemeiner Deutscher Automobilclub
Adaline	Adaptive Linear Element
ADANO	Arbeitsgemeinschaft Deutscher Audiologen und Neurootologen
ADAPT	Accent on Developing Abstract Processes of Thought
ADAS	Advanced Driver Assistance System
ADASIS	Advanced Driver Assistance Systems Interface Specification
ADASIS RP	ADASIS Research Platform
ADAV	Allgemeiner Deutscher Arbeiterverein (seit 1863)
ADBS	Association des professionnels de l'information et de la documentation (FR)
ADC	Analog-to-Digital Converter
ADC	Animal Defence Corps (Tierversuchsgegner)
ADC	Antibody-Drug-Conjugate
ADC	Automatic Development Chamber
ADC	Automotive Distance Control
ADCP	Acoustic Doppler Current Profiler (oceanic flow measurement)
ADDRESS	Active Distribution Networks with Full Integration of Demand and Distributed Energy Resources (EU project, 25 partners in 11 countries: BE, CH, DE, ES, FI, FR, IT, NL, RO, SE, UK)
ADEA	Age Discrimination in Employment Act (USA)
ADELE	Adiabatischer Druckluftspeicher für die Elektrizitätsversorgung
ADEPT	Advanced Dark Energy Physics Telescope
ADEPT	Antibody Directed Enzyme Prodrug Therapy (Krebstherapie/cancer therapy)
ADF	Allotrope Data Format
ADF	Annular Dark Field (electron detector)

ADFC	Allgemeiner Deutscher Fahrrad Club
ADFLICO	Adaptive Flight Control for Advanced Aircraft Concepts (DLR)
ADHD	Attention Deficit Hyperactivity Disorder (= ADHS)
ADHS	Aufmerksamkeitsdefizit-Hyperaktivitätssyndrom (oder: -störung) (= ADHD)
ADI	Acceptable Daily Intake (Europäische Behörde für Lebensmittelrecht)
ADI	Angular Diffraction Imaging
AdL	Akademie der Landwirtschaftswissenschaften (ehem./former DDR)
ADL	All-Digital Loop (Telekommunikation/telecommunication)
ADLC	Adaptive Liquid-Crystal Lens
ADLIP	All Dome Laser Image Projector (Planetarium/planetarium)
ADM	Add/Drop Multiplexer (Telekommunikation/telecommunication)
ADM	Allotrope Data Model
ADM	Area Dimensional Model (Lärmbewertung/noise rating)
ADM	[Richard] Arnowitt, [Stanley] Deser, [Charles] Misner (gravitational equations)
ADM	Atmospheric Dynamics Mission (planned satellite with Lidar)
ADMIRE	Advanced Data Mining and Integration Research for Europe (at EPCC)
ADMX	Axion Dark Matter Experiment (University of Washington, Seattle, USA)
ADN	Allgemeiner Deutscher Nachrichtendienst (DDR)
ADN	Ammoniumdinitramid (Sprengstoff/explosive)
ADOCs	Advanced Digital Optical Control System (Flugzeug/aircraft)
ADONIS	Acoustic Daylight Ocean Noise Imaging System
ADONIS	Adaptive Optics Near Infrared System (Teleskop/telescope, ESO, La Silla, Chile)
ADP	Adenosindiphosphat
ADP	Ammoniumdihydrogenphosphat
ADP	Avalanche Photodiode
ADPA	American Defense Preparedness Association
ADPCM	Adaptive Differential Pulse Code Modulation
ADR	Accumulated Doppler Range (Satellitenortungsverfahren/satellite locating)
ADR	Adiabatic Demagnetization Refrigerator
ADR	Automatic Defect Review (for semiconductor wafers)
ADR	Automatic (or: Automated) Dialog Replacement (movie development)
ADRCs	Automatic Data Recording and Control System
AdRIA	Adaptronik – Research, Innovation, Application
ADRIA	Advanced Displays Research Integration Action
ADS	Accelerator Driven System (trans-mutation of nuclear waste)
ADS	Active Denial System (a weapon)
AdS	Anti-de-Sitter (Raum, theoretische Physik)
ADS	Astrophysics Data System (SAO/NASA online)
ADSB	Auto(matic) Dependent Surveillance Broadcast (Flugverkehr/air traffic)
AdS/CFT	Anti-de Sitter/Conformal Field Theory (solid state physics)
ADSL	Asymmetric(al) Digital Subscriber Loop (or: Line)
ADT	Articulated Dump Trucks (off-road vehicles)
ADTF	Automotive Data and Time Triggered Framework (Kfz-Technik)
ADTM	[Fraunhofer-]Arbeitsgruppe für Drahtlose Kommunikations- und Multimediatechnik (Erlangen)
ADTV	Advanced Definition Television
ADUC	Arbeitsgemeinschaft deutscher Universitätsprofessoren für Chemie
ADV	Acoustic Droplet Vaporization
ADV	Arbeitsgemeinschaft Deutscher Verkehrsflughäfen
AdW	Akademie der Wissenschaften (ehem./former DDR)
AE	Acoustic Emission
AE	American English
AE	Application Enabler (Telekommunikation/telecommunication)
AE	Astronomische Einheit (Entfernung Erde–Sonne/distance Earth–Sun = $1.49 \cdot 10^{11}$ m)
AE	Vereinigte Arabische Emirate/United Arab Emirates (ISO 3166)
AEB	Automatic Emergency Break
AEC	Architecture/Engineering/Construction (Industrie/industry)
AEC	Atomic Energy Commission (USA)
AECL	Atomic Energy of Canada, Ltd.
AECSFE	Asymmetric Elliptic-Cone-Shaped Fibre Endface (Faseroptik/fiber optics)
AECSM	Asymmetric Elliptic-Cone-Shaped Microlens (Faseroptik/fiber optics)
AED	Automatisierter Externer Defibrillator
AED	Automotive Electronics Department (ARAI, India)
AEE	Office of Environment and Energy (FAA)
AEF	Normenausschuss Einheiten und Formelzeichen
AEG	Allgemeine Elektrizitätsgesellschaft
AEGOS	African-European Georesources Observation System (22 partners in 18 countries: BE, BF, CZ, DE, ET, FI, FR, GH, GN, NL, PL, PT, SN, TZ, UG, UK, ZA, ZM)
AEI	Albert-Einstein-Institut (Hannover und Potsdam)
AEI	Automatic Equipment Identification
AEKOS	Australian Ecological Knowledge and Observations System
AEL	Accessible Emission Limit
AEM	Analytical Electron Microscopy
AEM	Area Equivalent Method (Lärmbewertung/noise rating)
AEMT	[Fraunhofer-]Arbeitsgruppe für Elektronische Medientechnologie
AEP	Académie Européenne de Philatélie
AEP	Akustisch evozierte Potentiale, Auditory Evoked Potentials
AEPI	Atmospheric Emissions Photometric Imaging
AER	Astronomy-Education Research

AEROTROP	Impact of Aircraft Emissions on the Heterogeneous Chemistry of the Tropopause Region (DLR research group)
AERTOs	Associated European Research and Technology Organisations
AES	Advanced Encryption Standard
AES	Application Environment Services
AES	Associate Executive Secretary
AES	Audio Engineering Society
AES	Auger-Elektronen-Spektroskopie / Auger Electron Spectroscopy
AESS	Aerospace and Electronic Systems Society
AEÜ	Archiv für elektrische Übertragung (Zeitschrift)
AEV	All-Electric Vehicle
AEV	FhAZ für Entsorgungs- und Verkehrslogistik (Wildau, Brandenburg)
AEWA	[Afrikanisch-Eurasisches Regionalabkommen zur Erhaltung der Wasservögel]
AF	Afghanistan (ISO 3166)
AF	Application Function (Telekommunikation/telecommunication)
AF	Assured Forwarding (Datenübertragung/data transfer)
AF	Audio Frequency
AFAL	Air Force Astronautics Laboratory
AFAS	Abteilung für Angewandte Systemanalyse (Kernforschungszentrum Karlsruhe)
AFB	Air Force Base (USA)
AFC	Alkali Fuel Cell
AFCRL	Air Force Cambridge Research Laboratories (Cambridge, MA, USA)
AFCS	Automatic Flight Control System
AFD	Anticipatory Failure Determination
AFDX	Avionics Full Duplex Switched Ethernet (Luftfahrttechnik/aircraft technology)
AFE	Analog Front End (Telekommunikation/telecommunication)
AFECT	Acoustical Foundation for Education and Charitable Trust (Indien/India)
AFEX	Ammonia Fiber Expansion (Chemie/chemistry)
AFFDL	Air Force Flight Dynamics Laboratory, Wright Patterson Air Force Base, Ohio, USA
Afis	[French Association for Science Education]
AFIT	Air Force Institute of Technology (Wright-Patterson Air Force Base, Dayton, OH, USA)
AFM	Atomic Force Microscope
AFMS	Advanced Flight Management System (DLR)
AFN	Alliance for Nature (Umweltorganisation)
AFN	Ammonia Fuel Network
AFNM	Arbeitsgemeinschaft Fachdidaktik der Naturwissenschaften und der Mathematik
AFO	Allotrope Foundation Ontology
AFO	Auftragsforschung [und -entwicklung] Ost (BMFT)
AFOB	Asian Federation of Biotechnology
AFOSR	Air Force Office of Scientific Research (USA)
AFOTEC	US Air Force Operational Test and Evaluation Center
AFP	Antifreeze Proteins
AFP	Automated Fibre Placement Technology
AFPAC	Anglo-French Physical Acoustics Conference
AFR	Air-Fuel Ratio (Verbrennungsmotor/internal combustion engine)
AFRL	Air Force Research Laboratory (Wright Patterson Air Force Base, OH, USA)
AFRPL	Air Force Rocket Propulsion Laboratory (Edwards Air Force Base, CA, USA)
AFS	Advanced Freephone Service
AFS	Advanced Frontlighting System (Kfz/motor vehicle)
AFS	Aluminum Foam Sandwich
AFS	American Field Service
AfSIS	Africa Soil Information Service (at CIAT)
AFSPC	Air Force Space Command (Schriever Air Force Base, Colorado, USA)
AFSR	Array-Fed Shaped Reflector (Satellitenantenne/satellite antenna)
AFTEC	Acoustic Fusion Technology Energy Consortium (USA)
AFTN	Aeronautical Fixed Telecommunication Network
AG	Aktiengesellschaft
AG	Antigua and Barbuda (ISO 3166)
AG	Arbeitsgruppe
AG	Array Gain
AG	Astronomische Gesellschaft e.V.
AGARD	Advisory Group for Aeronautical (or: Aerospace) Research and Development, North Atlantic Treaty Organization
AGASA	Akeno Giant Air Shower Array (Japan, zum Nachweis kosmischer Strahlung/detection of cosmic radiation)
AGASP	Arctic Gas and Aerosol Sampling Program
AGB	Allgemeine Geschäftsbedingungen
AGB	Asymptotic Giant Branch (Astronomie/astronomy)
AGB	Automatische Geschwindigkeitsbegrenzung (Kfz/motor vehicle)
AG-BL	Arbeitsgemeinschaft Forschungseinrichtungen Blaue Liste
AGC	Automatic Gain Control
AGC	[Fraunhofer-] Anwendungszentrum für Computergraphik in Chemie und Pharmazie
AGC	Autorail Grande Capacité (Diesel-Zug/Diesel train)
AGCF	Access Gateway Control Function (Telekommunikation/telecommunication)
AGCH	Absolute Grant Channel (Telekommunikation/telecommunication)
AGEE	Arbeitsgruppe Erneuerbare Energien
AGEG	Arbeitsgemeinschaft Europäischer Grenzregionen
AGF	Arbeitsgemeinschaft der Großforschungseinrichtungen
AGIL	Arbeitsgemeinschaft Internet und Linguistik (Göttingen)
AGIS	Advanced Gamma-Ray Imaging (US project)
AGIS	Astrometric Global Iterative Solution (astronomy)

AGK	aktiver galaktischer Kern (Astronomie/astronomy, = AGN)
AGKr	Arbeitsgemeinschaft Kristallographie
AGMA	American Gear Manufacturers Association
AGN	Active Galactic Nucleus (= AGK)
AGNSS	Assisted Global Navigation Satellite System
AGORA	Access to Global Online Research in Agriculture
AGP	Autism Genome Project
A-GPS	Assisted Global Positioning System
AGR	Architectural Gear Ratio (Muskelkontraktion/muscle contraction)
AGRE	Autism Genetic Resource Exchange
AGS	Alternating Gradient Synchrotron
AGTD	Applied Geoscience and Technology Division (of the Pacific Community, SPC)
AGU	American Geophysical Union
AGV	Arbeitgeberverband
AGV	Automatic Guided Vehicle
AGW	Access Gateway (Telekommunikation/telecommunication)
AGWN	Additive Gaussian White Noise, additives Gaußsches weißes Rauschen
AH	Adaptive Hypermedien
A.H.	Anno Hegirae (islamischer Kalender, ab 622 n. Chr.)
AHA	American Heart Association
AHAM	Association of Home Appliance Manufacturers (USA)
AHDI	Atari Hard Disk Interface
AHMD	Advanced Helmet-Mounted Display
AHQP	Archive for the History of Quantum Physics
AHRC	Arts and Humanities Research Council (UK)
AHRF	American Hearing Research Foundation
AHRI	Air-Conditioning, Heating, and Refrigeration Institute
AHRI	Australian Herbicide Resistance Initiative
AHS	American Helicopter Society
AHS	Airborne Hyperspectral Scanner
AHSUM	Adaptable High-Speed Undersea Munition
AHT	Average Hamiltonian Theory (Teilchenphysik/particle physics)
AHU	Air Handling Unit (HVAC)
A&I	Abstracting and Indexing (data bases)
AI	Acoustical Imaging (Conference series)
AI	[IASTED International Conference on] Applied Informatics
AI	Anguilla (ISO 3166)
AI	Articulation Index (Psychoakustik/psychoacoustics)
AI	Artificial Intelligence
AIA	American Institute of Architects
AIA	Associazione Italiana di Acustica
AIA	Atmospheric Imaging Assembly (at SDO, NASA)
AIAA	American Institute of Aeronautics and Astronautics
AIAE	[Spanische Aeroakustische Gesellschaft/Spanish Aeroacoustical Society]
AIC	Akaike's Information Criterion
AICB	Association internationale contre le bruit
AICD	automatische implantierte Cardio-Defibrillatoren
AICES	Aachen Institute for Advanced Study in Computational Engineering Science (DE)
AICH	Acquisition Indicator Channel (Telekommunikation/telecommunication)
AICOS	Assistive Information and Communication Solutions (software, developed at the Fraunhofer-Anwendungszentrum in PT)
AID	Aktiver Informationsdienst (EU)
AIDA	Asteroid Impact Deflection Assessment
AIDA	Attention, Interest, Desire, and Action
AIDAA	Assoziiazione Italiana di Aeronautica e Astronautica
AIDC	Automotive Industry Developing Center (Südafrika, mit FhG-Unterstützung/South Africa, supported by the German Fraunhofer-Gesellschaft)
AIDJEX	Arctic Ice Dynamics Joint Experiment
AIDS	Acquired Immune Deficiency Syndrome
AIDS	Almost Ideal Demand System (economy)
AIEE	American Institute of Electrical Engineers
AiF	Arbeitsgemeinschaft industrieller Forschungsvereinigungen „Otto von Guericke“ e.V. (Köln)
AiF	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
AIHA	American Industrial Hygiene Association
AIJP	Association Internationale de Philatélie
AILU	Association of Industrial Laser Users (UK)
AIM	Advanced Informatics in Medicine
AIM	Advanced Interface Module (Telekommunikation/telecommunication)
AIM	Antarktisches Isotopenmaximum
AIM	Anwendungsplattform Intelligente Mobilität (Verkehrsforschung)
AIM	Asteroid Impact Mission
AIM	Auditory Image Model (Hörakustik/hearing research)
AIMD	Additive Increase, Multiplicative Decrease (Telekommunikation/telecommunication)
AIM-D	[Verband für] Automatische Identifikation, Datenerfassung und mobile Datenkommunikation
AIML	Astronomical Instrument Markup Language
AIMN	Association of Nuclear Medicine and Molecular Imaging
AIMR	Advanced Institute for Materials Research (Tohoku University, JP)
AIMS	African Institute for Mathematical Sciences (Kapstadt, Südafrika/Cape Town, South Africa)
AIN	Advanced Intelligent Network

AIP	The American Institute of Physics (gegründet/founded 1931)
AIP	Application Integrity Policy
AIP	Astrophysikalisches Institut Potsdam (DE)
AIPP	American Institute of Physics Publishing
AIQ	Analytical Instrument Qualification
AIR	Automatic Image Refinement (Canon Laserdrucker/laser printer)
AIRS	Atmospheric Infrared Sounder (satellite)
AIRSAR	Airborne Synthetic Aperture Radar
AirSTAR	Airborne Subscale Transport Aircraft Research
AIRTO	Association of Independent Research and Technology Organisations (GB)
AIS	Abbreviated Injury Scale
AIS	Alarm Indication Signal
AIS	[Fraunhofer-] Arbeitsgruppe für Integrierte Schaltungen
AIS	Automatic Identification System, Automatisches Identifikationssystem (Schiffsortung)
AIS	idiopathische Adoleszenten-Skoliose
AIS	[Fraunhofer-] Institut für Autonome Intelligente Systeme (St. Augustin, früher/formerly GMD)
AISA	Airborne Spectral Analyzer
AIS-A	[Fraunhofer-] Arbeitsgruppe für Integrierte Schaltungen, Abteilung Angewandte Elektronik
AIS-B	[Fraunhofer-] Arbeitsgruppe für Integrierte Schaltungen, Abteilung Bauelementetechnologie
AISEC	[Fraunhofer-Institut für] Angewandte und Integrierte Sicherheit (Garching bei München)
AISIS	Automatisierte Informationsgewinnung und Schutz kritischer Infrastruktur im Katastrophenfall
AIST	[National Institute for] Advanced Industrial Science and Technology (Japan)
AIT	Application Information Table (Telekommunikation/telecommunication)
AIT	Asian Institute of Technology
AIT	Astrometric Imaging Telescope
AIT	Austrian Institute of Technology
AITRAM	Advanced Integrated Training in Aeronautics Maintenance
AIUM	American Institute of Ultrasound in Medicine
AIV	Assembly, Integration and Validation
AIZ	Antiimperialistische Zelle
AIZ	Ausschuss für internationale Zusammenarbeit (DAR, Normungsarbeit/standardization)
AJA	Arbeitskreis gemeinnütziger Jugendaustauschorganisationen
AJAX	Asynchronous JavaScript and XML
AJC	American Jewish Committee
AJO	Arecibo Ionospheric Observatory (Puerto Rico)
AJOL	African Journals Online
AK	Alaska (US-Staat/US state)
a.k.a., aka	also known as
Akaflieg	Akademische Fliegergruppe
AKE	Arbeitskreis Energie (DPG)
AKF	Arbeitskreis Festkörperphysik (DPG)
AKO	Arbeitskreis „Optionen für die Zukunft“ (DPG)
AKR	Antikorruptionsrichtlinie
AKS	Akademische Software Kooperation
AKW	Atomkraftwerk
AL	Alabama (US-Staat/US state)
AL	Albanien/Albania (ISO 3166)
AL	Artificial Life
AL	Astronautics Laboratory (früher/formerly: AFRPL)
ALA	American Library Association
ALADIN	Algorithm for Learning and Architecture Determination
ALARP	As Low as Reasonably Possible
ALC	Automatic Level Control
ALCC	ASCR Leadership Computing Challenge
ALCF	Argonne Leadership Computing Facility
ALCM	Air-Launched Cruise Missile
ALCOA	Attributable, Contemporaneous, Original, and Accurate (required source data properties)
ALD	Arbeitsring Lärm der DEGA
ALD	Associate Laboratory Director
ALD	Atomic Layer Deposition, Atomlagenabscheidung
ALE	Antarctic Logistics and Expeditions
ALEX	Aerosol LIDAR Experiment
ALF	Auditory Localization Facility (at AFRL)
ALFA	Adaptive Optics with a Laser for Astronomy (Calar Alto, ES, 3.5 m Durchmesser/diameter)
ALFA	alternative faserfreie Schallabsorber
ALFA	América-Latina – Formación Académica (EU)
AL-FEC	Application-Layer Forward Error Correction (Telekommunikation/telecommunication)
ALG	Application Level Gateway (firewall)
ALGOL	Algorithmic Language
ALI	ATM Link Interconnect
ALI	Autofahrer-Leit- und Informationssystem
ALICE	A Large Ion Collision Experiment (LHC, CERN)
ALICE	America Latina Interconectada con Europa
ALIVE	Advanced High Volume Affordable Lightweighting for Future Electric Vehicles (EU project)
ALK	automatisierte Liegenschaftskarte
ALL	Akute lymphatische Leukämie
ALLEA	All European Academies
ALLFlight	Assisted Low Level Flight and Landing on Unprepared Landing Sites

ALM	Application Lifestyle Management
ALM	Archäologisches Landesmuseum (Baden-Württemberg)
ALMA	Additive Layer Manufacturing for Acoustic Metamaterials
ALMA	Atacama Large Millimeter/Submillimeter Array (Radioteleskop/radio telescope, seit/since Feb. 2013 in Chile)
ALMA	Association of Loudspeaker Manufacturing & Acoustics International
ALOP	Active Learning in Optics and Photonics (UNESCO-Programm/program)
ALP	Axion-Like Particle
ALPACA	Advanced Liquid-Mirror Probe for Astrophysics, Cosmology and Asteroids
ALPHA	Absorption Low Plus High Aperture (Laserstrahlaufweitung/laser beam expansion)
ALPHA	Advanced Laboratory Physics Association
ALPHA	Antihydrogen Laser Physics Apparatus (international collaboration)
ALPhA	Aquitaine Lasers, Photonique and Applications (Bordeaux, FR)
ALPS	Any Light Particle Search (experiment)
ALPSP	Association of Learned and Professional Society Publishers
ALS	Advanced Light Source (LBNL)
ALS	Alternative Light Source
ALS	Amyotrophe Lateralsklerose (degenerative Nervenerkrankung/degenerative nervous disease)
ALSEP	Apollo Lunar Surface Experiment Packages (auf dem Mond/on the moon)
ALSM	Airborne Laser Swath Mapping (Geodäsie/geodesy)
ALSYMPCA	Alpharidin in Symptomatic Prostate Cancer
ALU	Arithmetic Logic Unit
AM	Additive Manufacturing (3D printing)
AM	Amplitudenmodulation, Amplitude Modulation
AM	Armenien/Armenia (ISO 3166)
AM	Availability Manager
AMA	Advanced Measurement Approaches
AMA	American Medical Association
A-MAN	ATM Metropolitan Area Network (Telekommunikation/telecommunication)
AMANDA	Antarctic Muon and Neutrino Detector (or: Detection) Array (am Südpol/near the South Pole)
AMASE	Arctic Mars Analog Svalbard Expedition
Amass	Autonomous Maritime Surveillance System (10 partners in 7 countries: CZ, DE, ES, MT, NO, PL, UK)
AMBER	Airshower Microwave Bremsstrahlung Radiometer (astrophysics)
AMBER	Assisted Model Building with Energy Refinement (Computer program)
AMC	Adaptive Modulation and Coding (Telekommunikation/telecommunication)
AMC	Allied Military Currency (in Deutschland nach dem 2. Weltkrieg)
AMCD	Annular Momentum Control Device
AMD	Advanced Micro Devices (Sunnyvale, CA, USA)
AMD	Age Related Macula Degeneration, altersbedingte Makula-Degeneration (Sehschwäche/visual deficiency)
AMDE	Atmospheric Mercury Depletion Event
AME	Actinide Migration Evaluation (Radioaktivität/radioactivity)
AMEL	Active Matrix Electroluminescence (Display)
AMFIS	Aufklärung und Überwachung mit Miniatur-Fluggeräten im Sensorverbund
AMG	Arzneimittelgesetz
AMHS	Automated Material Handling System
AMI	Adolphe Merkle Institute (University of Fribourg, CH)
AMI	Alternate Mark Inversion (Telekommunikation/telecommunication)
AMI	American Megatrends Inc.
AMIGOS	Automated Met-Ice-Geophysics Observatory Systems
AMINA	African Monsoon Multidisciplinary Analysis
AML	Akute myeloische Leukämie
AML	Ambient Intelligence
AMLCD	Active-Matrix Liquid Crystal Display
AMLS	Automated Multilevel Substructuring
AMM	Acoustic Metamaterial
AMM	Automatischer Messmodus
AMMA	Afrikanischer Monsun: Multidisziplinäre Analyse
AMNOR	Adaptive Microphone Array for Noise Reduction
AMO	Atlantische Multidekadische Oszillation
AMOC	Atlantic Meridional Overturning Circulation
AMO(S)	Atomic, Molecular, and Optical (Science)
AMOLED	Active-Matrix Organic Light-Emitting Diode
AMON	Astrophysical Multimessenger Observatory Network
AMOP	Arbeitskreis „Atome, Moleküle, Quantenoptik und Plasmen“ (DPG)
AMOP	Atomic, Molecular, Optical, and Plasma Physics
AMP	Accelerated Massive Parallelism (computer architecture)
AMP	Adenosinmonophosphat
AMP	Antimikrobielles Peptid
AMP	Asymmetric Multi-Processing (Datenverarbeitung/data processing)
AMP	FhAZ für Metallpulvererzeugung (Clausthal)
AMPAC	Advanced Materials Processing and Analysis Center (UCF)
AMPAS	Academy of Motion Picture Arts and Sciences (USA)
AMPD	Atomic and Molecular Physics Division
AMPOA	Amplitude of Arrival (Telekommunikation/telecommunication)
AMPS	Advanced Mobile Phone System (Telekommunikation/telecommunication)
AMPTE	Artificial Magnetospheric Particle Tracer Experiment
AMQP	Advanced Message Queuing Protocol
AMR	Adaptive Mesh Refinement (e.g., for astrophysical modelling)
AMR	Adaptive Multirate (Telekommunikation/telecommunication)



AMR	Alignment-Free Monolithic Resonator
AMR	Anisotropic Magnetoresistance
AMRL	Army Medical Research Laboratory (Wright Field, OH, USA)
AMRO	Angular Magnetoresistance Oscillations
AMROS	Autonomer multisensorieller Roboter für Sicherheitsanwendungen
AMS	Accelerator Mass Spectrometry
AMS	Acute Mountain Sickness, Höhenkrankheit
AMS	Alpha Magnetic Spectrometer (DLR, NASA, ISS, seit Mai/since May 2011)
AMS	American Mathematical Society
AMS	American Meteorological Society
AMS	ATM Main Switch
AMSEC	Advanced Materials Science and Engineering Center (Western Washington University, Bellingham, WA, USA)
AMST	Association for Maximum Service Television, Inc. (USA)
AMT	Auditory Modeling Toolbox
AMT	Automated Mechanical Transmission (Kfz-Schaltgetriebe/automobile gear)
AMV	Acoustics Music & Video (ASA Students' Competition)
AMVER	Atlantic Merchant Vessel Emergency Reporting System
AN	Access Node (Rechnernetz/computer network)
AN	Auditory Nerve
AN	Niederländische Antillen/Netherlands Antilles (ISO 3166)
ANAE	Académie Nationale de l'Air et de l'Espace (FR)
ANAE	Atlas of North American English
ANB	American National Biography
ANC	Active Noise Control
ANC	Antenna Networks (Telekommunikation/telecommunication)
ANCF	Active Noise Control Fan (NASA Lewis Research Center, Cleveland, OH, USA)
ANCHORS	UAV-Assisted Ad-Hoc Networks for Crisis Management and Hostile Environment Sensing (German-French cooperation project)
ANCOVA	Analysis of Covariance
ANDES	Agua Negra Deep Experiment Site (Australia)
ANDF	Architecture-Neutral Distribution Format
ANDS	Australian National Data Service
ANEC	European Association for the Coordination of Consumer Representation in Standardization
ANF	Atomic Nanofabrication
ANFIS	Adaptive Network-Based Fuzzy Inference System
ANFO	Ammonium Nitrate plus Fuel Oil (Sprengstoff/explosive)
ANGIS	Australian National Genomic Information Service
ANI	Automatic Number Identification (Datennetz/data network)
AnIML	Analytical Information Markup Language
ANITA	Antarctic Impulsive Transient Array (or: Antenna) (neutrino detector)
ANKA	Angströmquelle Karlsruhe (DE)
ANL	Argonne National Laboratory (University of Chicago, IL, USA)
ANN	Artificial Neural Network
ANOVA	Analysis of Variance (statistischer Test/statistical test)
ANP	Active Noise Profiling
ANPR	Automatic Number Plate Recognition
ANR	Agence Nationale de la Recherche (FR, seit/since 2005)
ANRU	Antenna Receiver for UMTS (Telekommunikation/telecommunication)
ANS	Advanced Neutron Source (Oak Ridge)
ANS	American Nuclear Society
ANS	Approximate Number System
ANSI	American National Standards Institute
AnSiM	Anschluss-Sicherungs-Management (Verkehrstechnik/traffic control)
ANSSI	Agence Nationale de la Sécurité des Systèmes d'Information
ANT	ADSL Network Termination (Telekommunikation/telecommunication)
ANTARES	Astronomy with a Neutrino Telescope and Abyss Environmental Research (Project) (in the Mediterranean, near Toulon, FR)
ANU	Australian National University (Canberra)
ANVC	Active Noise and Vibration Control
ANX	American Network Exchange
ANZRC	Australian and New Zealand Standard Research Classification
AO	Acousto-Optic (Sensor, Aktor/sensor, actuator)
AO	Adaptive Optics
A/O	All Optical (optische Telekommunikation/optical telecommunication)
AO	Angola (ISO 3166)
AO	Announcement of Opportunity
AO	Arctic Oscillation (atmosphärische Oszillation/atmospheric circulation)
AOA	Angle of Arrival (Telekommunikation/telecommunication)
AOC	Advanced Operational Capability
AOCS	Altitude (or: Attitude) (and) Orbit Control (Sub)system
AOD	Acousto-Optical Deflector, Akusto-optischer Deflektor
AOD	Aerosol Optical Depth
AODI	Always On/Dynamic ISDN
AOF	Authority on the Fly
AOI	Automatic (or: Automated) Optical Inspection
AOIA	Arizona Optics Industry Association (USA)
AOL	America Online (Internet Provider)
AOLS	All-Optical Label Swapping (optische Telekommunikation/optical telecommunication)

AON	All Optical Network (optische Telekommunikation/optical telecommunication)
AOP	Advanced Oxidation Process
AOP	Apparent Optical Properties (of water)
AOP	Aspect-Oriented Programming
AOSIS	African Online Scientific Information Systems
AOSS	Atmospheric, Oceanic and Space Sciences (Department, University of Michigan, USA)
AOT	Accelerator and Operations Technology
AOTF	Acousto-Optic Tunable Filter
AOV	Angle-of-View (Flüssigkristall-Bildschirm/liquid crystal display)
AOWC	All-Optical Wavelength Converter (optische Telekommunikation/optical telecommunication)
AP	Access Point (Telekommunikation/telecommunication)
AP	Alternating Projection (Algorithmus/algorithm)
AP	Anthropisches Prinzip
AP	Artificial Photosynthesis
AP	Associated Press
APA	Administrative Procedure Act (Congress, USA)
APA	Altair Partner Alliance
APA	American Psychological Association
APA	Amplified Piezoelectric Actuator (Technology)
APA	Automatic Pre-Emphasis Adjustment (optische Telekommunikation/optical telecommunication)
APAC	Asia Pacific (Region)
APAM	Applied Physics and Applied Mathematics
APC	Accelerator Physics Center (Fermilab)
APC	Adaptive Predictive Coding
APC	Advanced Process Control
APC	Article Processing Charge (for publishing)
APC	Auto Power Control (Photodiode)
APCI	Atmospheric Pressure Chemical Ionisation
APCM	Adaptive Pulse Code Modulation
AP-CVD	Atmospheric Pressure CVD
APD	Avalanche Photodiode (or: Photo Detector)
APE	Academic Publishing in Europe
APE	Acoustic Perturbation Equation
APE	Automatic (Program) Production Engine
APEC	Applied Power Electronics Conference [and Exposition]
APEC	Asia Pacific Economic Cooperation (asiatischer Handelsblock)
APEX	Atacama Pathfinder Experiment (Chile, Astrophysik/astrophysics)
APG	Alkylpolyglycosid
APH	[Institut für] Angewandte Physik (am KIT)
APhA	American Pharmacists Association
APHIS	Animal and Plant Health Inspection Service
APHV	Allgemeiner Postwertzeichen-Händlerverband (seit 8.3.1949/since March 8, 1949)
API	Active Pharmaceutical Ingredient
API	Application Program(ming) Interface
APIAN	Advanced Propulsion Integration Aerodynamics and Noise (EU Forschungsprojekt/research project)
APL	Applied Physics Laboratory (Johns Hopkins University, MD, USA)
APL	Applied Physics Letters (Journal)
APM	Advanced Protein Modelling
APM	Aktionskreis Deutsche Wirtschaft gegen Produkt- und Markenpiraterie
APM	Attached Pressurized Module (Raumfahrt/spacecraft)
APM	Automated People Mover (Eisenbahntechnik/railway technology)
APN	Access Point Name (Telekommunikation/telecommunication)
APN	Allotrope Foundation Network
APNEE	Air Pollution Network for Early Warning and Information Exchange (EU Projekt/project)
APO	Arbeitsplatzorientierte Weiterbildung
APO	außerparlamentarische Opposition
APOC	Airport Operation Center
APOD	Astronomy Picture of the Day
APOLT	APON Line Termination
APON	Asynchronous Transfer Mode Passive Optical Network
APONT	APON Network Termination
APP	Accelerated Parallel Processing
APP	Amyloid Precursor Protein
APP	Anwendungszentrum für Plasma und Photonik (HAWK, Göttingen)
APPA	Atomic, Plasma Physics, and Applications
APR	Acoustic Pulse Reflectometry
APROSYS	Advanced Protective Systems (Autotechnik/automobile technology)
APRS	Advanced Plasma Reactive Sputtering (optische Beschichtung/optical coating)
APS	Active Pixel Sensors (Bildwandler/image converter)
APS	Advanced Photon Source (Argonne National Laboratory, Illinois, USA)
APS	Air Traffic Planning System (DLR)
APS	The American Physical Society
APS	American Physiological Society
APSR	Association for the Promotion of Sciences and Research (FR)
APSU	Austin Peay State University (Clarksville, TN, USA)
APT	Apartment (US Mail)
APT	Asia Pacific Telecommunity
APT	Atom Probe Tomography

APTA	American Public Transportation Association
APTL	Aerosol and Particle Technology Laboratory
APTP	Asia-Pacific Technology Program
APU	Angular Processing Unit
APU	Auxiliary Power Unit
APUS	Auspicious High-Performance Ultrafast Lase System
APV	Agrarphotovoltaik
APVC	Asia Pacific Vibration Conference
APWG	Anti-Phishing Working Group
APXS	Alpha-Proton-Röntgenstrahlenspektrometer
AQ	Antarktis/Antarctica (ISO 3166)
AQA	Aqua Quality Austria
AQM	Active Queue Management (Datenübertragung/data transfer)
AQS	Air Quality System (für Autos/for cars)
AQS	Automotive Quality Saar (Fraunhofer-Innovationscluster, Saarbrücken, DE)
AR	Antireflection (optische Beschichtung/optical coating)
AR	Argentinien/Argentina (ISO 3166)
AR	Arkansas (US-Staat/US state)
AR	Assessment Report (of the International Panel on Climate Change)
AR	Augmented Reality
AR	Autoregressive (filter)
ARA	Ausfall-Raten-Analyse
ARAC	African Aquacultural Center (Port Hartcourt, Nigeria)
ARAGO	Advanced Robotic Agile Observatory (Astrophysik/astrophysics)
ARAI	Automotive Research Association of India
ARB	Angiostin-Rezeptor-Blocker (Herzmedikament)
ARB	Arbitrary Waveform (Generator)
ARB	Architecture Review Board (computer science)
ARB	Auxiliary Reference Burst
ARC	Aeroacoustic Research Complex (at AFRL)
ARC	Affordable, Robust, Compact
ARC	Angle-Resolved Coherent (Wave Mixing)
ARC	Antireflection Coating (von Laserspiegeln/of laser mirrors)
ARC	Application Research Center (Canton, MI, USA, bei/near Detroit)
ARC	[Dateinamenerweiterung: Archivdatei mit komprimierten Inhalten/file name extension: compressed archive file]
ARC	Audio Return Channel (Telekommunikation/telecommunication)
ARC	Australian Research Council
ARCUS	Arctic Research Consortium of the U.S.
ARD	Arbeitsgemeinschaft der Rundfunkanstalten Deutschlands
ARDEC	Army Research, Development and Engineering Center (USA)
ARDU	Aircraft Research and Development Unit (AU)
ARE	Antioxidans-Response-Element (auf DNA)
ARED	Advanced Resistive Exercise Device (power training for astronauts)
AREMA	American Railway Engineering and Maintainance of Way Association
ARENA	Active Research Environment for the Next Generation of Automobiles
ARES	Actively Reacting Flexible Structure (DLR)
ARES	Ausbau regenerativer Energiesysteme (DLR)
Arevir	Analyse von Resistenzmutationen bei Viren
ARFCN	Absolute Radio Frequency Channel Number (Mobilfunk/mobile radio)
ARFI	Acoustic Radiation Force Impulse (Imaging)
ARGOS	Advanced Research and Global Observation Satellite
ARGOS	Airborne Wide Area High Altitude Monitoring System (DLR project)
ARI	Applied Research Institute (University of Illinois at Urbana-Champaign, USA)
ARI	Autofahrer-Rundfunk-Informationssystem
ARIB	Association of Radio Industries and Businesses (Japan)
ARIEL	Advanced Rare Isotope Laboratory (at TRIUMF)
ARIMA	Autoregressive Integrated Moving Average (Modelling)
ARIS	Aggregate Route-Based IP Switching (Telekommunikation/telecommunication)
ARIS	Augmented Reality Image Synthesis
ARkStorm	Atmospheric River kilo Storm
ARL	Air Resources Laboratory (at NCEP)
ARL	Akademie für Raumforschung und Landesplanung (Hannover)
ARL	Applied Research Laboratory (Pennstate, USA)
ARL	Army Research Laboratory (Adelphi, MD, USA)
ARL	Association of Research Libraries (USA)
ARLO	Acoustic Research Letters Online (JASA)
ARM	Advanced RISC Machine (EU supercomputer project)
ARMA	Advanced Robotics and Mechanism Laboratory (Columbia University, USA)
ARMA	Association of Research Managers and Administrators
ARMA	Autoregressive Moving Average (filter)
ARMAX	ARMA Process with Auxiliary Input
ARMCI	Aggregate Remote Memory Copy Interface (software)
ARMD	Age-Related Macular Degeneration
ARO	Army Research Office (USA)
ARP	Address Resolution Protocol (Telekommunikation/telecommunication)
ARPA	Advanced Research Projects Administration (or: Agency) (USA)
ARPA	Agenzia Regionale per la Protezione dell'Ambiente (Milano, IT)
ARPA-E	ARPA-Energy

ARPANET	ARPA Network (predecessor of the Internet)
ARPES	Angle-Resolved Photoemission Spectroscopy
ARPU	Average (or: Annual) Revenue per User (Telekommunikation/telecommunication)
ARQ	Automatic Repeat Request (Datenübertragung/data transmission)
ARRA	American Recovery and Reinvestment Act
ARRIVAL	Algorithm for Robust and Online Railway Optimization: Improving the Validity and Reliability of Large Scale Systems (EU Project)
ARRIVE	Aspirin to Reduce Risk of Initial Vascular Events (Bayer-Studie)
ARRV	Arctic Region Research Vessel
ARS	Agricultural Research Service (USA)
ART	Advanced Rotorcraft Transmission
ART	Allgemeine Relativitätstheorie
ART	Auditory Research Team
ARTA	Ariane 5 Research and Technology Accompaniment (ESA)
ARTEMIS	Advanced Relay and Technology Mission (ESA)
ARTEMIS	Antenna Arrays for Terahertz Material Identification and Security Applications (research project)
ARTEMIS	Automatic Retrieval of Text from Europe's Multinational Information Service
ARTIS	Autonomous Rotorcraft Testbed for Intelligent Systems (DLR)
ARTS	Automotive Radar Target Simulator
ARV	Allgemeiner Rettungsverband
ARV	Antiretroviral Drugs
ARW	Advanced Research Weather Research and Forecasting Model
AS	Acoustic Segmentation (Sprachverarbeitung/speech processing)
AS	Alarm Surveillance (Telekommunikation/telecommunication)
AS	American Samoa (ISO 3166, US Mail)
AS	Application Server (Telekommunikation/telecommunication)
AS	Autonomous System
AS	Availability Server
ASA	The Acoustical Society of America
ASA	Air Services Australia
ASA	Alabama Supercomputer Authority
ASA	American Standards Association
ASA	Association of Subscription Agents and Intermediaries
ASA	Auditory Scene Analysis
ASAC	Active Structural Acoustic Control
ASACOS	Acoustical Society of America Committee on Standards
ASAL	Agence Spatiale Algérienne
ASAM	Advanced Services Access Manager (Telekommunikation/telecommunication)
ASAM	Association for Standardization of Automation and Measuring Systems
ASAM	ATM Subscriber Access Multiplexer (Telekommunikation/telecommunication)
ASANCA	Advanced Study for Active Noise Control in Aircraft (CEC)
ASAP	Advanced Sensor Application Program
ASAP	Advanced Systems Analysis Program
ASAP	Alarm Severity Assignment Profile
ASAP	as soon as possible
ASAP	[IEEE International Conference on] Application-Specific Systems, Architectures and Processes
ASAR	Advanced Synthetic Aperture Radar
ASAS	After School All Stars
ASAS-SN	All-Sky Automated Survey for Supernovae
ASAT	Antisatellite (Weapon)
ASC	Academic Search Complete (Full text data base)
ASC	Accredited Standards Committee
ASC	Acoustical Society of China
ASC	Aeroacoustics Specialists' Committee (in CEAS)
ASC	American Society for Composites (seit/since 1985)
ASC	American Superconductor Corporation
ASCA	Advanced Satellite for Cosmology and Astrophysics (Japan 1993)
ASCAT	Association des Emetteurs de Catalogues de Timbre Poste
ASCB	American Society for Cell Biology
ASCE	American Society of Civil Engineers
ASCI	Accelerated Strategic Computing Initiative (DoE, USA)
ASCI	American Standard Code for Information Interchange
ASCO	American Society of Clinical Oncology
ASCP	American Society for Clinical Pharmacology and Therapeutics
ASCR	Advanced Scientific Computing Research (DOE program)
ASCS	Automatic Shift Control System (Kfz-Schaltgetriebe/automobile gear)
ASD	Autism Spectrum Disorder
ASD	Accelerated Scientific Discovery (project at CISL)
ASDEX	Axial-Symmetric Divertor Experiment (Fusionsreaktortechnik/fusion reactor technology, Garching, DE)
ASDIC	Anti-Submarine Detection Submarine Committee
ASDL	Asynchronous Digital Subscriber Line
ASDSP	Application Specific Digital Signal Processor
ASE	Amplified Spontaneous Emission (Laser)
ASE	Amplified Stimulated Emission (Laser)
ASE	Association of Space Explorers
ASE	ATM Switching Element
ASE	→ ESA
ASEA	Analytical Statistical Energy Analysis

ASEAN	Association of Southeast Asian Nations
ASEE	American Society of Engineering Education (or: Educators)
ASEM	[asiatisch-europäisches Gipfeltreffen/Asian-European summit]
ASEPS-O	Astronomical Studies of Extrasolar Planetary Systems (Mount Palomar, CA, USA)
ASESMA	African School on Electronic Structure Methods and Applications
ASET	Applied Science and Environmental Technology (International Conference series)
ASEW	Arbeitsgemeinschaft für sparsame Energie- und Wasserverwendung
ASF	Additional Secondary Factors (LORAN-C corrections)
ASFB	Acoustical Society Foundation Board (USA)
ASFF	Acoustical Society Foundation Fund (USA)
ASG	Advanced Study Group
ASG	Array Signal Gain
ASG	Asymptotisch sichere Gravitation
ASH	Automated Storage and Handling (Forschungsroboter, Bayer AG)
ASHA	American Speech-Language-Hearing Association
ASHG	American Society of Human Genetics
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
ASI	Agenza Spaziale Italiana
ASI	Amorph-Silizium-Glasmodule (Photovoltaik/photovoltaics)
ASI	Archeological Survey of India
ASI	Asynchronous Serial Interface (Telekommunikation/telecommunication)
ASI	Australian Solar Institute
ASIAA	Academia Sinica Institute of Astronomy and Astrophysics (Taipei, TW)
AsianJLS	Asian Journal of Law and Society
ASIC	Acid-Sensitive Ion Channel
ASIC	Anwender-(Anwendungs-)spezifischer IC, Application-Specific Integrated Circuit
ASIIIN	Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften und der Mathematik
ASIL	Automotive Safety Integrity Level
ASIM	Arbeitsgemeinschaft Simulation in der Gesellschaft für Informatik
ASIP	Application Specific Set Information-Set Processor (Computer)
ASITF	Advanced Systems Integration Test Facility (aircraft development, Honda, JP)
ASJ	Acoustical Society of Japan
ASK	Akademische Software Kooperation (Universität Karlsruhe)
ASK	Amplitude Shift Keying (Digitales Modulationsverfahren/digital modulation)
ASKAP	Australian Square Kilometre Array Pathfinder
ASL	Airbus Safran Launcher
ASL	American Sign Language (Taubstummen-Gebärdensprache/of deaf-mutes)
ASM	Automotive Simulation Model
ASME	American Society of Mechanical Engineers
A-SMGCS	Advanced Surface Movement Guidance and Control System (Flughafen-Bodenverkehr/airport ground traffic)
ASMP	Australian Species Management Program (für vom Aussterben bedrohte Tiere/for animals threatened by extinction)
ASMW	Amt für Standardisierung, Messwesen und Warenprüfung (ehem./former DDR)
ASN	American Society of Neurochemistry
ASN	ATM Switching Network
ASNA	Airport Safety and Noise Act (USA 1979)
ASNE	American Society of Naval Engineers
ASNT	American Society for Nondestructive Testing
ASN.1	Abstract Syntax Notation 1
ASOM	Adaptive Scanning Optical Microscope
ASON	Automatical(ly) Switched Optical Network (optische Telekommunikation/optical telecommunication)
ASP	Adaptive Signal Processing
ASP	Advanced Spectroscopic Portal (Strahlungsnachweis/radiation detection)
ASP	Application Service Provider (Telekommunikation/telecommunication)
ASP	Arbeitsschwerpunkt
ASP	Astronomical Society Pacific
ASP	Average Selling Price
ASPEC	Audio Spectral Perceptual Entropic Coding
ASPERA	Astroparticle European Research Area (EU Project in Astrophysics)
ASPO	Association for the Study of Peak Oil & Gas
ASQ	Acoustic Source Quantification (Lärmschutz/noise protection)
ASQC	American Society for Quality Control
ASR	Antischlupfregelung (Kfz/automobile)
ASR	Automatic (or: Advanced) Speech Recognition
ASRC	Advanced Science and Research Center (CUNY)
ASREN	Arab Scientific Research and Education Network
ASRG	Advanced Stirling Radioisotope Generator
ASS	Acetylsalicylsäure
ASSC	Association for the Scientific Study of Consciousness
ASSET	Assessing Sensitivity to Transport (EC Project)
ASSI	Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften und der Informatik
ASSID	[Fraunhofer-Zentrum] All Silicon System Integration Dresden (im IZM)
ASSIST	Alliance for Solid-State Illumination Systems and Technologies
ASSIST	Assessing the Social and Economic Impacts of Past and Future Sustainable Transport (FhG)
ASSP	Acoustics, Speech, and Signal Processing (in IEEE)
ASSP	Application Specific Standard Product
Ast	Anrufsammeltaxi
AST	FhAZ für Angewandte Systemtechnik (Ilmenau, Thüringen)

AST	Automatic Spectroscopic Telescope
ASTA	Advanced Superconducting Test Accelerator (Fermilab)
AStA	Allgemeiner Studentenausschuss
ASTAP	Asia-Pacific Telecommunity Standardization Program
ASTAR	Arctic Study of Tropospheric Aerosol [Clouds] and Radiation
A*STAR	Agency for Science, Technology, and Research (Singapore, since 1991)
ASTE	Atacama Submillimeter Telescope Experiment (Infrarotastronomie/infrared astronomy)
ASTEM	Austrian Scanning Transmission Electron Microscope (Graz, AT, 2011)
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (Erd-Fererkundung/remote reconnaissance)
ASTIA	Armed Services Technical Informations Agency (USA)
ASTM	American Society of Testing Materials
ASTONISH	Atomic-Scale Studies of the Nature of and Conditions for Inducing Superconductivity at High-Temperature (ERC program, University of Hamburg, DE)
ASTREX	Advanced Space Structure Research Experiments
ASTRID	Aarhus Storage Ring, Denmark
ASTROSE	Autarker Strom-Sensor
ASTV	Aeroassisted Space Transfer Vehicle (Raumfahrt/spacecraft)
ASU	Abgas-Sonder-Untersuchung
ASU	Arizona State University (Tempe, AZ, USA)
ASU	ATM Service Unit
ASURA	Advanced Speech Understanding and Rendering System of ATR (Japan)
ASV	Automated Structure Verification (pharmaceutical chemistry)
ASVP	Application Specific Standard Products
ASW	Antisubmarine Warfare
ASWORG	Antisubmarine Warfare Operations Research Group (USA)
AT	Atomic Time (seit/since 1955)
AT	Österreich/Austria (ISO 3166)
ATB	Active Twist Blade (Hubschrauber/helicopter)
ATB	Institut für Agrartechnik Bornim (Potsdam-Bornim)
ATC	Abstract Test Case (Telekommunikation/telecommunication)
ATC	Adiabatic Toroidal Compressor (Fusionsreaktortechnik/fusion reactor technology, PPPL)
ATC	Air Traffic Control (Luftverkehrssteuerung)
ATC	[European] Altair Technology Conference
ATC	American Television and Communications Corporation
ATC	ATM Transfer Capabilities (Telekommunikation/telecommunication)
ATC	Automatic Train Control (Eisenbahntechnik/railway technology)
ATDMA	Advanced TDMA
ATE	Application Test Environment (Telekommunikation/telecommunication)
ATE	Automatic (or: Automated) Test Equipment
ATF	Accelerator Test Facility
ATF	Advanced Tactical Fighter (USA, Luftwaffe/Air Force)
ATHENA	Advanced Telescope for High-Energy Astrophysics
ATI	Acoustics Today Interns
ATI	Above-Threshold Ionization
ATI	Any Time Interrogation (Telekommunikation/telecommunication)
ATI	Automated Target Identification
ATI	Automatic Telephony Interpretation (CAIR, Korea)
ATIC	Advanced Thin Ionization Calorimeter
ATIP	Asian Technology Information Program (US organization)
ATIS	Airport Terminal (or: Travel) Information Service
ATIS	Alliance for Telecommunications Industry Solutions (North America)
ATKIS	Amtliches Topographisch-Kartographisches Informations-System
ATL	[Fraunhofer-] Arbeitsgruppe für Technologien der Logistik-Dienstleistungswirtschaft (Nürnberg)
ATLAS	A Toroidal LHC Apparatus (LHC, CERN)
ATLAS	Argonne Tandem-Linac Accelerator System (Argonne National Laboratory, near Chicago, IL, USA)
ATLAS	Atmospheric Laboratory for Applications and Science
ATM	Air Traffic Management
ATM	Asynchronous Transfer Mode (Datennetz/data network)
ATM	Ataxia Telangiectasia Mutated (Enzym)
ATM	Atmospheric Transport Modeling (CTBT)
ATM	Attached Pressurized Module (Raumfahrt/spacecraft)
ATM	Automated Teller Machine (Bankwesen/banking)
ATMF	ATM Forum
ATMF	ATM user connected via optical Fiber
ATMOS	Air Traffic Management and Operations Simulator (DLR)
ATMP	Advanced Therapy Medicinal Product
ATMT	[Fraunhofer-] Arbeitsgruppe für Telekommunikation und Multimediatchik
ATO	Automatic Train Operation (Eisenbahntechnik/railway technology)
ATOC	Acoustic Thermometry of Ocean Climate
ATON	Autonomous Terrain-Based Optical Navigation
ATP	Adenosintriphosphat
ATP	Advanced Technology Program (USA, Department of Commerce)
ATP	Advanced Turbo-Prop (Flugzeug/aircraft)
ATP	Automatic Train Protection (Eisenbahntechnik/railway technology)
ATPC	Automatic Transmit Power Control (Telekommunikation/telecommunication)
ATPESC	Argonne Training Program on Extreme Scale Computing
ATR	Attenuated Total Reflection (Chemie: Analyse-Verfahren/chemical analysis)
ATR	Automatic (or: Automated) Target Recognition (Telekommunikation, Wasserschall/telecommunication, underwater sound)

ATRA	Advanced Technology Research Aircraft (DLR)
ATRIAS	Assume The Robot Is A Sphere
ATRP	Atom Transfer Radical Polymerization
ATS	Abstract Test Suite (Telekommunikation/telecommunication)
ATS	Advanced Tracking System (for waste material, using GPS – later on Galileo when available)
ATS	American Thoracic Society
ATS	Automated Tuner System
ATS	Automatic Train Supervision (Eisenbahntechnik/railway technology)
ATSC	Advanced Television Systems Committee
ATSE	Antenna Technology Shuttle Experiment (NASA)
ATST	Advanced Technology Solar Telescope (geplant/planned)
ATT	Advanced Transport Telematics
ATTA	Atom Trap Trace Analysis
ATTAS	Advanced Technologies Testing Aircraft System (DLR, bis 27.6.2012/until June 27, 2012)
AT&T	American Telephone and Telegraph Company
ATTC	Advanced Television Test Center, Inc. (USA)
ATTheS	Advanced Technology Testing Helicopter System (DLR)
atto	10 <sup>-18</sup> (Vorsible/prefix)
ATTICA	European Assessment of Transport Impacts on Climate Change and Ozone Depletion
ATU	Access Termination Unit (Telekommunikation/telecommunication)
ATU	ADSL Terminal Unit
ATV	All-Terrain Vehicle
ATV	Area tegmentalis ventralis (im Gehirn/in the brain)
ATV	Automatic (or: Automated) Transport (or: Transfer) Vehicle, Automatisches Transfervehikel (Raumfahrt/spacecraft)
AU	African Union
AU	Astronomical Unit (Abstand Erde–Sonne/distance from earth to sun = 1.49 × 10 <sup>11</sup> m)
AU	Australien/Australia (ISO 3166)
a.u.c.	ab urbe condita (römische Zeitrechnung, ab Gründungsjahr Roms, 753 v. Chr.)
AUC	American University in Cairo (Egypt)
AuC	Authentication Center (Telekommunikation/telecommunication)
AUI	Associated Universities, Inc. (USA)
AURA	Association of Universities for Research in Astronomy (USA)
AUT	Association of University Teachers (GB)
AUTEC	Atlantic Undersea Test(ing) and Evaluation Center (bei/near Andros Island in the Bahamas)
AUTM	Association of University Technology Managers
AutoBAHN	Automated Bandwidth Allocation across Homogeneous Networks (optische Telekommunikation/optical telecommunication)
AUTOSAR	Automotive Open System Architecture
AUV	Autonomous Underwater Vehicle
AV	Audio- und Video-(Anschluss)
AV	Audiovisual (Sprachwahrnehmung/speech perception)
AVA	Aerodynamische Versuchsanstalt (Göttingen, 1907)
AVANTI	Autonome Virtuelle Anflug-Navigation und Target Identifikation (DLR-Projekt)
AVB	Allgemeine Vertragsbedingungen
AVC	Advanced Video Coding
AvD	Arzt vom Dienst (Krankenhaus)
AVDP	Audio Video Delivery Platform
AVE	Alta Velocidad Española (Spanish high speed train)
AVE	Avenue (US Mail)
AVES	Air Vehicle Simulator (DLR, Braunschweig, DE)
AvH	Alexander von Humboldt-Stiftung
AVHRR	Advanced Very High Resolution Radiometer (Fernerkundung/remote locating)
AVI	Akkreditierungsverbund für Ingenieurstudiengänge e.V.
AVI	Automatic Vehicle Identification
AVI	[Dateinamenerweiterung: Videodatei/file name extension: video file]
AVIRIS	Airborne Visible/Infrared Imaging Spectrometer
AVISO	Archivage, validation, interprétation des données des satellites océanographiques
AVK	FhAZ für Verkehrslogistik und Kommunikationstechnik (Nürnberg)
AVL	Automatic Vehicle Location (Telekommunikation/telecommunication)
AVL	Advanced Visualization Laboratory (at the NCSA center)
A-VLAN	Authenticated VLAN (Telekommunikation/telecommunication)
AVM	Autarke verteilte Mikrosysteme (Computertechnologie/computer technology)
AVO	Astronomical Virtual Observatory (Europe)
AVO	Audio-Visual Object (Telekommunikation/telecommunication)
AVRCP	Audio Video Remote Control Profile
AVS	Adult Verification System
AVS	Advanced Visual Systems
AVS	American Vacuum Society
AVT	[Labor für] Aufbau- und Verbindungstechnik (Fraunhofer IISB)
AVUS	Automobil-Versuchs- und Übungsstrecke (Berlin)
AVV	FhAZ für Verarbeitungsmaschinen und Verpackungstechnik (Dresden)
AW	Aruba (ISO 3166)
AWA	Argonne Wakefield Accelerator
AWC	All-Wheel Control (automotive drive control)
AW-CDM	Adaptive Weighted CDM
AWE	Arbeitsplatz-Wiedergabe-Einheit (digitales Sprachübertragungssystem/digital speech transmission)
AWFORS	Advanced Welding Technologies for Repair and Salvage of High Valued Engine Components on Nickel and Titanium Based Alloys (zur Reparatur von Flugzeugtriebwerken/for aircraft engine repair)

AWG	American Wire Gauge
AWG	Arbitrary Waveform Generator
AWG	Array(ed) Waveguide Grating (filter, photonics)
AWGN	Additive (or: Average) White Gaussian Noise
AWI	Alfred-Wegener-Institut für Polar- und Meeresforschung (Bremerhaven)
AWI	Außenwissenschaftsinitiative
AWIATOR	Aircraft Wing with Advanced Technology Operation
AWMA	Automated Working Memory Assessment
AWO	Arbeiterwohlfahrt
AWO	Auftragsforschung-West-Ost (BMFT)
AWOP	All Weather Operations Panel (Allwetter-Flugbetrieb/weather-independent air traffic)
AWRI	Australian Wine Research Institute
AWS	Absolute Wahrnehmbarkeitsschwelle (Psychoakustik)
AWS	Advanced Wireless Spectrum (Telekommunikation/telecommunication)
AWS	Amazon Web Services
AWZ	ausschließliche Wirtschaftszone
AXAF	Advanced X-Ray Astrophysics Facility (Satellite, USA)
AZ	Arizona (US-Staat/US state)
AZ	Aserbeidschan/Azerbajjan (ISO 3166)
Azipod	Azimuthing Electric Podded Propulsion (Schiffsantrieb/ship propulsion)
AZOM	[Fraunhofer-] Anwendungszentrum für Optische Messtechnik und Oberflächentechnologie
AZT	Allianz Zentrum für Technik (Ismaning bei München)
AZT	Azidothymidin (HIV-Medikament)
A2DP	Advanced Audio Distribution Profile
A2LA	American Association for Laboratory Accreditation

## B

BA, B.A.	Bachelor of Arts
BA	Berufsakademie
BA	Bosnien und Herzegowina/Bosnia and Herzegovina (ISO 3166)
BA	Bremsassistent (Kfz/motor vehicle)
BA	Bundesagentur für Arbeit
BAAS	British Association for the Advancement of Science
BAB	Bundesarchiv Berlin
BAB	Bundesautobahn
BACODINE	Batse Coordinates Distribution Network (Astrophysik/astrophysics)
BACZ	Betriebsarchiv Carl Zeiss
BAdW	Bayerische Akademie der Wissenschaften
BAe	British Aerospace
BAEF	Belgian American Educational Foundation
BAFA	Bundesamt für Wirtschaft und Ausfuhrkontrolle (DE)
BaFin	Bundesanstalt für Finanzdienstleistungsaufsicht
BAföG	Bundesausbildungsförderungsgesetz
BAFTA	British Academy of Film and Television Arts
BAFU	Bundesamt für Umwelt (Bern, CH)
BAG	Bundesarbeitsgemeinschaft der Leitenden Klinikärzte für Kinder- und Jugendpsychiatrie
BAGMO	Bundesarbeitsgemeinschaft Motorrad
BAI	Beratender Ausschuss der Industriephysiker (in der DPG)
BAK	[Dateinamenerweiterung: Sicherungskopie/file name extension: backup file]
BAKOM	Bundesamt für Kommunikation (CH)
BALK	Bundesarbeitsgemeinschaft leitender Krankenpflegepersonen e.V.
BAM	Bundesanstalt für Materialforschung und -prüfung (Berlin)
BAME	Bayerische Arbeitsgemeinschaft Mikroelektronik
BAN	Body Area Network
BAO	Baryonic (or: Baryon) Acoustic Oscillation (cosmology)
BAP	Benzo(a)pyren
BAPT	Bundesamt für Post und Telekommunikation (früher/formerly: FTZ, später/after on: RegTP)
BAR	Biologische Arbeitsstoff-Referenz(werte)
BARC	Bay Area Research Center (Microsoft-Forschungszentrum)
BARN	Bayer-Alzheimer Research Network
BAS	Bremsassistent (Kfz)
BAS	British Antarctic Survey
BAS	Broadband Access Server (Telekommunikation/telecommunication)
BASE	Bacterial Adaptation to Space Environment (ESA project)
BASE	Bioinformatics and Systems Engineering (Riken research group, JP)
BASF	Badische Anilin- und Sodafabrik
BASIC	Beginners All Purpose Symbolic Instruction Code
BASL	Building a Smart Laboratory
BAST	Bundesanstalt für Straßenwesen (Bergisch-Gladbach)
BASYS	Baltic Sea System Study
BAT	Bandwidth Allocation Threshold (Datennetz/data network)
BAT	Biologische Arbeitsstofftoleranz(werte)
BAT	Bonquet Association Table
BAT	British Antarctic Territory
BAT	Bundesangestelltentarif
BAT	Burst-Alert Telescope (an Bord von/aboard SWIFT Orbiter)
BAT	[Dateinamenerweiterung: Batchdatei/file name extension: batch file]
BATC	Technical Committee of Biomedical Acoustics (ASA)



BATSE	Burst and Transient Source Experiment (GRO)
B.A.U.M.	Bundesdeutscher Arbeitskreis für umweltbewusstes Management e.V.
BAW	Bulk Acoustic Wave
BAZL	Bundesamt für Zivilluftfahrt (Bern, CH)
BB	Barbados (ISO 3166)
BB	Baseband (Telekommunikation/telecommunication)
BB	Bottom Bounce (sonar ranging)
BB	Brandenburg (Bundesland/German Federal State)
BB	Broadband
BBAE	Breitband-Anschluss-Einheit
BBAW	Berlin-Brandenburgische Akademie der Wissenschaften
BBB	Blood-Brain Border (or: Barrier), Blut-Hirn-Schranke
BBC	British Broadcasting Corporation
BBC	Broadband Coupler (Datennetz/data network)
BBE	Broadband Entertainment
BBI	Base Band to Base Band Interface (Telekommunikation/telecommunication)
BBiG	Berufsbildungsgesetz
BBK	Bundesamt für Bevölkerungsschutz und Katastrophenhilfe
BBMA	Baseband Module Revision A (Telekommunikation/telecommunication)
BBMC	Baseband Module Revision C (Telekommunikation/telecommunication)
BBN	Big Bang Nucleosynthesis (astrophysics)
BBN	Bolt, Beranek & Newman (USA)
BBNS	Big Bang Nucleosynthesis
BBO	Beta-Bariumborat (nichtlinearer Kristall/nonlinear crystal)
BBPPT	Balai Besar Pengujian Perangkat Telekomunikasi (Indonesien)
BBR	Black-Body Radiation
BBRAN	Broadband Remote Access Network (or: Node)
BBRAS	Broadband Remote Access Server
BBS	Behavioral and Brain Science (School and Journal)
BBS	Bulletin Board System (Internet)
BBSO	Big Bear Solar Observatory (Big Bear Lake, CA, USA)
BBW	Bundesverband der Brand- und Wasserschadenbeseitiger e.V.
BC	Before Christ
BC	British Columbia (Province of Canada)
BCA	Burst Cutting Area (Telekommunikation/telecommunication)
B-CAS	Basic System Conditional Access System (Telekommunikation/telecommunication)
BCAST	Broadcast
BCC	Base (Transceiver) Station Color Code (Mobilfunk/mobile radio)
bcc	blind carbon copy (Durchschlag, ohne Nachricht an andere Adressaten)
BCC	Body-Centered Cubic (Gitter/lattice)
BCC	Buffer Congestion Control (Telekommunikation/telecommunication)
BCCH	Broadcast Control Channel (Mobilfunk/mobile radio)
BCCN	Bernstein Center for Computational Neuroscience (Göttingen, DE)
BCD	Binary Coded Decimal
BCE	Before Common Era (= vor Christus/before Christ)
BCG	Bacille Calmette-Guérin (Tbc-Impfstoff)
BCH	Bicentenario de Capital Humano (Chile)
BCH	Bose-Chaudhuri-Hocquenghem (Fehler korrigierender Code/error correcting code)
BCI	Brain-Computer Interface
BCIS	Biodiversity Conservation Information System
BCP	Burst Control Packet
BCR	Biospecimen Core Resource
BCR	Bureau Communautaire de Référence
BCRT	Berlin-Brandenburgisches Zentrum für regenerative Therapien, Berlin-Brandenburg Center for Regenerative Therapies (Stammzellenforschung/stem cell research)
BCRU	British Committee on Radiation Units and Measurement
BCS	[John] Bardeen – [Leon N.] Cooper – [John R.] Schrieffer (Supraleitungstheorie/theory of superconductivity)
BCS	British Computer Society
BCSD	Business Council for Sustainable Development
BCU	Battery Control Unit (Hybridfahrzeug/hybrid vehicle)
BD	Bangladesh (ISO 3166)
BD	Business Division
BDA	Bundesvereinigung der Deutschen Arbeitgeberverbände
BDC	Berlin Document Center
BDEW	Bundesverband der Energie- und Wasserwirtschaft
BDF	Bundesverband Deutscher Fertigung
BDI	Backward Defect Indication
BDI	Bearing Deviation Indicator (underwater acoustics)
BDI	Belief, Desire, Intent
BDI	Bundesverband der Deutschen Industrie e.V. (Köln)
BdKEP	Bundesverband der Kurier-, Express- und Postdienste
BDLI	Bundesverband der Deutschen Luft- und Raumfahrtindustrie
BDNF	Brain-Derived Neurotrophic (or: Nerve) (Growth) Factor (Medizin/medicine)
BDO	Bundesverband der Organtransplantierten
BDP	Biologics Data Platform
BDPh	Bund Deutscher Philatelisten
BDR	Battery Discharge Module (Satellitentechnik/satellite technology)
BDSL	Boundary-Scan-Description Language

BDVD	Bovine Viral Diarrhea Virus
BDZ	Bildungs- und Demonstrationszentrum für dezentrale Abwasserbehandlung e.V. (Leipzig)
BE	Belgien/Belgium (ISO 3166)
BE	Berlin (Bundesland/German Federal State)
BE	Best Effort
BE	Broteinheit (für Diabetiker)
BEAN	Bridging the European and Anatolian Neolithic (research project)
BEC	Backward Error Correction (Datenübertragung/data transmission)
BEC	Bose-Einstein Condensation
BECS	Biomedical Engineering and Computational Science
BEEM	Ballistic Electron Emission Microscopy
BEESAT	Berlin Experimental and Educational Satellite (von TUB-Studenten)
BEF	Best Effort Forwarding (Telekommunikation/telecommunication)
BEH	[Robert] Brout, [François] Englert, [Peter W.] Higgs (elementary particle physics)
BEHGHK	Brout–Englert–Higgs–Guralnik–Hagen–Kibble (elementary particle physics)
BEIR	Biological Effects of Ionizing Radiation
Bellcore	Bell Communications Research
BEM	Big Emerging Market (Welthandel/world trade)
BEM	Boundary Element Method (or: Model)
BEn	Biomasse-Energiekataster
BEO	Biologie, Energie, Ökologie (KFA Jülich, Projektträger)
BEP	Bit Error Probability
BEPC	Beijing Electron Positron Collider
BER	Binary Encoding Rule (ASN.1)
BER	Bit Error Rate (or: Ratio)
BERO	Backup Explicit Route Object (Telekommunikation/telecommunication)
BERR	Business Enterprise and Regulatory Reform (UK Government Department)
BERT	Bit Error Rate Testing
BES	Beijing Spectrometer
BES	Biomedical Engineering Society
BES	BlackBerry Enterprise Server (Computer)
BES	British Ecological Society
BESAC	Basic Energy Sciences Advisory Committee
BeSC	Belfast e-Science Centre (Ireland)
BESSY	Berliner Elektronen-Speicherring für Synchrotronstrahlung
BETHY	Biosphere Energy Transfer Hydrology Model
BEUC	European Consumer Organisation
BEV	Battery Electric Vehicle
BEV	Bundesamt für Eich- und Vermessungswesen (Österreich)
BEXUS	Ballon-Experimente für Universitätsstudenten (seit Okt. 2008, SE)
BF	Burkina Faso (früher/formerly: Obervolta/Upper Volta, ISO 3166)
BfA	Bundesanstalt für Arbeit
BfArM	Bundesinstitut für Arzneimittel und Medizinprodukte (Bonn)
BFD	Bi-Directional Fault (or: Forwarding) Detection
BFD	Bundesfreiwilligendienst (= BuFDi, seit 2011)
bFGF	Basic Fibroblast Growth Factor (basischer Fibroblasten-Wachstumsfaktor)
BFH	Bundesfinanzhof
BFIO	Büro für Führungskräfte zu internationalen Organisationen (Frankfurt/M)
BFL	Back Focal Length (optische Linsen/optical lenses)
BFN	Beam Forming Network (Antenne/antenna)
BFNT	Bernstein Focus Neurotechnology (Göttingen, DE)
BFO	Beat Frequency Oscillator
BFP	Blue Fluorescent Protein
BfR	Bundesinstitut für Risikobewertung
BfS	Bundesinstitut für Strahlenschutz
BFY	Beyond the First Year
BG	Border Gateway (Telekommunikation/telecommunication)
BG	Bulgarien/Bulgaria (ISO 3166)
BGA	Ball Grid Array, Kugelgitteranordnung (Chipgehäuse/chip box)
BGAN	Broadband Ground Access Network (Telekommunikation/telecommunication)
BGB	Bürgerliches Gesetzbuch
BGCF	Breakout Gateway Control Function (Telekommunikation/telecommunication)
BGI	Beijing Genomics Institute (Shenzen, CN)
BGM	Betriebliches Gesundheitsmanagement
BGO	Bismuth Germinate (Gammastrahlendetektor/gamma ray detector)
BGO	Burke-Gaffney Observatory (Saint Mary's University, Halifax, CDN)
BGP	Border Gateway Protocol (Telekommunikation/telecommunication)
BGR	Bundesanstalt für Geowissenschaften und Rohstoffe (Hannover)
BGSU	Bowling Green State University (OH, USA)
BGU	Ben-Gurion University (Negev)
BGVV	Bundesanstalt für gesundheitlichen Verbraucherschutz und Veterinärmedizin
BH	Bahrain (ISO 3166)
BH	Buried Heterostructure (Laser)
BHC	Bayer Healthcare
BHCA	Busy Hour Call Attempt (Telekommunikation/telecommunication)
BHFP	Black Hole Finder Probe (Astronomie/astronomy)
BHKW	Blockheizkraftwerk
BHL	Biodiversity Heritage Library

BHSU	Black Hills State University (USA)
BI	Burundi (ISO 3166)
BI	Business Intelligence
BIAS	Bremer Institut für Angewandte Strahltechnik
BIBB	Bundesinstitut für Berufsbildung (Bonn)
BIC	Blind Interference Cancellation (DARP, Telekommunikation/telecommunication)
BIC	Bound State in the Continuum (Festkörperphysik/solid state physics)
BIC	Business Identifier Code
BICC	Bearer Independent Call Control (Telekommunikation/telecommunication)
BICEP	Background Imaging of Cosmic Extragalactic Polarization
BiCI	Bilateral Cochlear Implant
BICI	Broadband Inter-Carrier Interface (Datennetz/data network)
BiCMOS	bipolar CMOS
BIDS	Biological Integrated Detection System
BIE	Boundary Integral Equation
BIEK	Bundesverband Internationaler Express- und Kurierdienste
BIFS	Binary Format for Scenes (digitales Fernsehen/digital TV)
BILD	Binaural Intelligibility Level Difference (Hörakustik/hearing research)
BILL	Beacon Illuminator Laser (US Waffe/weapon)
BIM	Building Information Modelling
BIMR	Brockhouse Institute for Materials Research (McMaster University, Hamilton, ON, CA)
BIMS	Biobank Information Management System
BImSchG	Bundes-Immissionsschutzgesetz
BIOP	Broadcast Inter ORB Protocol (Telekommunikation/telecommunication)
BioPoLiS	Bioproduktions-Labor am IPA in Stuttgart (FhG)
BIOS	Basic Input/Output System
BIOS	Biomedical Optics
BIOT	Broadcast Inter ORB Protocol (Telekommunikation/telecommunication)
BIP	Bruttoinlandsprodukt (Volkswirtschaft, = GDP)
BIPM	Bureau International des Poids et Mesures (Sèvres, Paris)
BIRC	Bio-Imaging Research Center (University of Georgia, Athens, GA, USA)
BIROS	Bi-Spectral Infrared Optical System (Feuerdetektionssatellit)
BIS	Ballistik-Informationen-System (in Jagdfernglas integriert)
BIS	Business, Innovation and Skills
B-ISDN	Broadband ISDN
BISG	Book Industry Study Group
BISP	Bio Imaging and Signal Processing
BISP TC	Bio Imaging and Signal Processing Technical Committee (in IEEE Signal Processing Society, since 2004)
BIT	Binary Digit
B-IT	Bonn-Aachen International Center for Information Technology
BITNET	Because It's Time Network
BITV	Barrierefreie Informationstechnik-Verordnung
BIW	Body in White
BIZ	Biblioteca Italiana Zanichelli
BJ	Benin (früher/formerly: Dahomey, ISO 3166)
BJPT	Bangladesh Journal of Plant Taxonomy
BJTU	Beijing Jiaotong University
BKA	Bundeskriminalamt
BKCI	Book Citation Index
BKG	Bundesamt für Kartographie und Geodäsie
BKJPP	Berufsverband für Kinder- und Jugendpsychiatrie, Psychotherapie und Psychosomatik
BKS	Bohr-Kramers-Slater (-Theorie/theory) (1924)
BL	Blaue Liste (Deutsche Forschungsinstitute/German research institutes)
BLAG	Buffer-Layer Assisted Growth (Festkörperphysik/solid state physics)
BLAST	Balloon-Borne Large Aperture Submillimeter Telescope
BLAST	Bates Large Acceptance Spectrometer Toroid (MIT)
Blazar	Blazing Quasi Stellar Object (astrophysics)
BLC	Back Light Compensation (Video-Kamera: Gegenlicht-Blendenvergrößerung)
BLC	Botswana Libraries Consortium
BLC	Broadband Loop Carrier (Telekommunikation/telecommunication)
BLDC	Brushless d.c. (Elektromotor/electromotor)
BLDL	Bergen Language Design Laboratory (University of Bergen, Norway)
BLER	Block Error Rate (or: Ratio) (Telekommunikation/telecommunication)
BLI	Bioluminescence Imaging
BLISK	Blade Integrated Disk (Kompressorläuferscheibe für Flugzeuge/compressor rotor disk for aircraft)
BLK	Bund-Länder-Kommission für Bildungsplanung und Forschungsförderung
BLM	Bureau of Land Management (USA)
BLO	Bodleian Library, Oxford (GB)
BLOB	Binary Large Object
BLS	Bucerius Law School (Hamburg, DE)
BLSR	Bidirectional Line Switching Ring
BLTP	Bogoljubow Laboratory of Theoretical Physics (VIK, Dubna, Russia)
BLU	Backlight Unit (in LCD-Bildschirm/screen)
BLVD	Boulevard (US Mail)
BM	Basilar Membrane
BM	Bermuda (ISO 3166)
BM	Broadband Manager
BMA	British Medical Association

BMB	Baltic Marine Biologists
BMBF	Bundesministerium für Bildung, Wissenschaft, Forschung und Technologie (DE)
BMBWF	Bundesministerium für Bildung und Wissenschaft (DE)
BMBWFT	Bundesministerium für Bildung, Wissenschaft, Forschung und Technologie (DE)
BMC	Benchmarking Center (am/at the IIS, Außenstelle/branch Nürnberg, DE)
BMC	Bone Mineral Content (medicine)
BMC	Broadcast/Multicast Control (Telekommunikation/telecommunication)
BMC	Burst Mode Controller (Datennetz/data network)
BMD	Bone Mineral Density
BMDS	Ballistic Missile Defense System (USA)
BME	Biomedical Engineering
BMELV	Bundesministerium für Ernährung, Landwirtschaft und Verbraucherschutz
BMFT	Bundesministerium für Forschung und Technologie (DE)
BMG	Bulk Metallic Glass
BMG	Bundesministerium für Gesundheit
BMGS	Bundesministerium für Gesundheit und Soziale Sicherung
BMI	Body Mass Index (siehe/see KMI)
BMJ	British Medical Journal
BML	Broadcast(ing) Markup Language (Telekommunikation/telecommunication)
BMLD	Binaural Masking Level Difference
BMLVS	[Österreichisches] Bundesministerium für Landesverteidigung und Sport
BMMRO	Bahamas Marine Mammal Research Organisation
BMO	Institut für Biomedizinische Optik (Universität Lübeck)
BMP	Bone Morphogenetic Protein
BMP	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
BMR	Ballistic Magnetoresistance
BMS	Batterie-Management-System (Elektroauto)
BMS	Business Management System
BM-SC	Broadcast/Multicast Service Center (Telekommunikation/telecommunication)
BMT	Broadband Magnetotelluric (instrumentation)
BMU	Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (DE)
BMV	Bundesministerium für Verkehr (DE)
BMVBS	Bundesministerium für Verkehr, Bau und Stadtentwicklung (DE)
BMVg	Bundesministerium für Verteidigung (DE)
BMVI	Bundesministerium für Verkehr und digitale Infrastruktur
BMWi	Bundesministerium für Wirtschaft und Energie (DE)
BMZ	Brandmeldezentrale
BMZ	Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (DE)
BN	Brunei (ISO 3166)
BNC	Bayonet Neill-Concelman (Steckverbindung/connector)
BNC	Berkeley Nucleonics Corporation
BNC	biotechnologisch gewonnene Nanozellulose
BNetzA	Bundesnetzagentur (vergibt Funklizenzen/assigns radio frequencies)
BNI	Bernhard-Nocht-Institut für Tropenmedizin (Hamburg)
BNL	Brookhaven National Laboratory (Long Island, NY, USA)
BNNT	Boron Nitride Nanotubes (Festkörperphysik/solid state physics)
BNP	Brain Natriuretic Peptide
BNSC	British National Space Centre
BNV	Belgische Natuurkundige Vereniging
BO	Bolivien/Bolivia (ISO 3166)
BOB	Break-Out Box
BOC	Binary Offset Carrier (Modulation)
BoD	Bandwidth on Demand (Telekommunikation/telecommunication)
BOD	Biochemical Oxygen Demand (Ireland, test)
BOG	Board of Governors
BOGRMC	Beijing Olympic Games Radio Management Committee (Telekommunikation/telecommunication)
BOLD	Blood Oxygen Level-Dependent (Hirnaktivität/brain activity)
BÖLW	Bund für Ökologische Lebensmittelwirtschaft
BOM	Bill of Materials
BONT	Broadband Optical Network Termination
BOOMERANG	Balloon Observations of Millimetric Extragalactic Radiation and Geomagnetics
BOREXINO	Boron Solar Neutrino Experiment (Gran Sasso, IT)
BOS	Background Oriented Schlieren Method
BOS	Behörden und Organisationen mit Sicherheitsaufgaben
BOSS	Background Oriented Schlieren System
BOSS	Baryon Oscillation Spectroscopic Survey (astrophysics)
BOSS	Big Optical Single Sector (Brennkammerforschung, DLR)
BOSS	Building Operating and Security System
BOT	Build, Operate and Transfer (Telekommunikation/telecommunication)
BPDU	Bridge Protocol Data Unit (Ethernet)
BPEL	Business Process Execution Language (Telekommunikation/telecommunication)
BPF	Band-Pass Filter, Bandpassfilter
BPF	Blade Passage Frequency (of propeller)
BPH	Benign Prostatic Hyperplasia
BPH	Bisphosphonate(s) (Medikamente/pharmacy)
BPIE	Buildings Performance Institute Europe (Belgium)
BPL	bayessches Programmieren
BPMN	Business Process Notation Language (computer programming)

BPON	Broadband Passive Optical Network (optische Telekommunikation/optical telecommunication)
BPP	Beam Parameter Product (Laserdioden/laser diodes)
BPP	Bund Philatelistischer Prüfer
BPR	Business Process Reengineering
BPS	Biophysical Society
BPS	The Bulgarian Physical Society
BPSK	Binary Phase Shift Keying (Modulation, Binäre Phasenumtastung)
BPSR	Bidirectional Path Switched Ring (Telekommunikation/telecommunication)
BPTI	Bovine Pancreatic Trypsin Inhibitor
BPtK	Bundespsychotherapeutenkammer
BPX	Burning Plasma Experiment (Fusionsreakorteknik/fusion reactor technology, PPPL)
QQB	Bluetooth Qualification Body (Telekommunikation/telecommunication)
BQTF	Bluetooth Qualification Test Facility
bR	Bacteriorhodopsin
BR	Basic Research (ESPRIT)
BR	Biosphärenreservat (Naturschutz/nature conservation)
BR	Bottom Reflection (ocean acoustics)
BR	Brasilien/Brazil (ISO 3166)
BRA	Basic Rate Access (ISDN)
BRAC	Base Closure and Realignment Commission (USA)
BRAGECRIM	Brazilian German Collaborative Research Initiative in Manufacturing Technology
BRAHMS	Broad Range Hadron Spectrometer (RHIC)
BRAIN	[US] Brain Research for (or: through) Advancing Innovative Neurotechnologies (since 2013)
BRAN	Broadband Radio Access Network (Telekommunikation/telecommunication)
BRAS	Broadband Remote Access Server (Telekommunikation/telecommunication)
BRC	Bioenergy Research Center
BRDF	Bi-Directional Reflectance Distribution Function (Optik/optics)
BREMA	British Radio Equipment Manufacturers' Association
BREW	Binary Runtime Environment for Wireless (Telekommunikation/telecommunication)
BRGM	Bureau de Recherches Géologiques et Minières (FR)
BRIC	Brazil, Russia, India and China/Brasilien, Russland, Indien und China
BRIDGE	Bilateral Research and Industrial Development Enhancing and Integrating Grid Enabled Technologies (EU-gefördertes Europäisch-Chinesisches Computernetz-Projekt/EU sponsored European-Chinese computer network project)
BRIDGE	Broadening Participation Research Initiation Grants in Engineering (NSF Award, USA)
BRIR	Binaural Room Impulse Response (acoustics)
BRITE	Basic Research in Industrial Technologies for Europe
BRS	Behavioral Response Study (Meeresbiologie/marine biology)
BRS	Buried Ridge Stripe (Telekommunikation/telecommunication)
BRT	Bruttoregistertonne
BRT	Bus-Rapid-Transit (Verkehrssystem)
BS	Bahamas (ISO 3166)
BS	Bandstop (filter)
BS	Base Station (Telekommunikation/telecommunication)
BS	Basic System
BS	Beam Splitter (Optik/optics)
BS	British Standard
BS	Broadcast Satellite (Digitalrundfunk/digital broadcast)
BSA	Bovines Serumalbumin
BSA	Broadband Service Aggregator (Telekommunikation/telecommunication)
B.Sc.	Bachelor of Science
BSC	Barcelona Supercomputing Center (ES)
BSC	Base Station Controller (Telekommunikation/telecommunication)
BSC	Buffalo State University (New York, USA)
BSCCO	Bismuth-Strontium-Calcium-Copper Oxide, Wismut-Strontium-Calcium-Kupfer-Oxid, $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10-x}$ (HTSL)
BSD	Blind Signal Deconvolution
BSDL	Boundary-Scan Description Language
BSE	Base Station Emulator (Telekommunikation/telecommunication)
BSE	Blind Signal Extraction
BSE	Bonn European School of Economics e.V.
BSE	Bovine spongiforme Enzephalopathie, Bovine Spongiform Encephalopathy (Rinderwahnsinn)
BSEE	Bachelor of Science in Electrical Engineering
BSF	Back Surface Field (Solarzellen/solar cells)
BSG	Biologische Schutzgemeinschaft
BSG	Blutsenkungsgeschwindigkeit
BSG	Bundessozialgericht
BSH	Boston Symphony Hall
BSH	Bundeamt für Seeschifffahrt und Hydrographie
BSH	[Medikament zur Tumorbehandlung mit Neutroneneinfangtherapie/medicine for tumour treatment with neutron capture therapy]
BSI	British Standards Institution
BSI	Bundesamt für Sicherheit in der Informationstechnik
BSIC	Base Transceiver Station Identity (= NCC + BCC)
BSML	Biosequence Markup Language
BSMS	Brighton and Sussex Medical School
BSNR	Blurred Signal-to-Noise Ratio (Bildunschärfe/picture unsharpness)
BSO	Bismuth Silicon Oxide
BSP	Beam Synthesis Propagation (optical design)

BSP	Board Support Package (Maut-Erfassungssystem/toll registration system)
BSP	Bruttosozialprodukt
BSPC	Batch Statistical Process Control
BSR	Base Station Router (Telekommunikation/telecommunication)
BSR	Board of Standards Review (USA)
BSR	Bottom Simulating Reflector (Ozeanologie/oceanology)
BSR	Broadband Service Router (Telekommunikation/telecommunication)
BSR	Buzz/Squeeze/Rattle (noise sources)
BSRN	Baseline Surface Radiation Network
BSS	Base Station Subsystem (Telekommunikation/telecommunication)
BSS	Basic Service Set
BSS	Blind Signal (or: Source) Separation (algorithm)
BSS	Broadcasting Satellite Service
BSS	Business Support System (Telekommunikation/telecommunication)
BSSI	Basic Space Science Initiative (UN)
BST	Band Segmented Transmission (Digitalrundfunk/digital broadcast)
BSTU	Bundesbehörde für die Unterlagen des Staatssicherheitsdienstes der ehemaligen DDR
BT	Bhutan (ISO 3166)
BT	Bluetooth
BT	Business Telecommunications (TC in ETSI)
BTA	Biologisch-technische(r) Assistent(in)
BTA	Broadcasting Technical Association (Japan)
BTBP	Bistriazinylbipyridin
BTC	Bayer-Tsinghua Joint Research Center for Innovative Drug Discovery (Peking, China)
BTE	Behind-the-Ear (hearing aid)
BTE	Boltzmann Transport Equation
BTEX	Benzol, Toluol, Ethylbenzol und Xylole (Aromaten, die das Grundwasser verunreinigen)
BTF	Broadcast Technology Futures Group
BTL	Biomass to Liquid (synthetischer Kraftstoff/synthetic fuel)
BTNRH	Boys Town National Research Hospital (Omaha, NE, USA)
BTP	Bistriazinylpyridin
BTPG	Boundary-Scan-Test-Program Generation
B/TQE	Project Group on Television Quality Evolution
BTS	Base Transceiver Station (Telekommunikation/telecommunication)
BTS	Broadcast Television Systems GmbH (Darmstadt, DE)
BTS	Broadcasting Transport Stream
BTU	Brandenburgische Technische Universität
BTV	Broadcast Television
BTW	by the way
Btx	Bildschirmtext
BU	Boston University (MA, USA)
BU	Branching (or: Business) Unit (Rechnernetze, Telekommunikation/computer networks, telecommunication)
BUA	Broadband Ultrasound Absorption
BUC	Break-Up Camera (DLR, Raumfahrt)
BuFDi	Bundesfreiwilligendienst (= BFD, seit 2011)
BUFORA	British UFO Research Association
Bull. P&I T.I.T.	Bulletin of Precision and Intelligence Laboratory, Tokyo Institute of Technology (Yokohama, Japan)
BUND	Bund für Umwelt und Naturschutz Deutschland e.V.
BUV	Backscatter UV (spectrometer)
BV	Bouvetinsel/Bouvet Island (ISO 3166)
BVA	Berufsverband der Augenärzte Deutschlands e.V.
BVA	British Radio Valve Manufacturers' Association
BvD	Berufsverband der Datenschutzbeauftragten Deutschlands
BVDD	Berufsverband der Deutschen Dermatologen
BVG	Berliner Verkehrsgesellschaft
BVL	Bundesamt für Verbraucherschutz und Lebensmittelsicherheit
BVND	Berufsverband der niedergelassenen Diabetologen
BVPN	Broadband Virtual Private Network
BVW	Betriebliches Vorschlagswesen
BW	Baden-Württemberg (Bundesland/German Federal State)
BW	Bandwidth
b.w.	bitte wenden (engl.: p.t.o.)
BW	Botswana (ISO 3166)
BWA	Broadband Wireless Access (Telekommunikation/telecommunication)
BWB	Beratungsgesellschaft für Wirtschaftliches Bauen
BWB	Blended Wing Body (Flugzeug/aircraft)
B-WiN	Breitband-Wissenschaftsnetz (Datennetz, bis/data network, up to 155 Mbit/s)
BWL	Betriebswirtschaftslehre
BWR	Boiling-Water Reactor (nuclear reactor)
BY	Bayern (Bundesland/German Federal State)
BY	Weißrussland/Belarus (ISO 3166)
BYOD	Bring Your Own Device
BYU	Brigham Young University (Provo, UT, USA)
BZ	Belize (ISO 3166)
BZ	Belousov-Zhabotinsky (oszillierende chemische Reaktion/oscillating chemical reaction)
BZ	Brennstoffzelle (= FC)
BZgA	Bundeszentrale für gesundheitliche Aufklärung
BZMM	Berliner Zentrum für Mechatronische Medizintechnik

B2B Business-to-Business  
 B2C Business-to-Consumer (or: Customer)  
 B3G Beyond Third Generation (Telekommunikation/telecommunication)

## C

c... Zenti... (Präfix/prefix):  $10^{-2}$   
 C Cytosin (DNA-Base/DNA base)  
 CA California (US-Staat/US state)  
 CA Call Agent (Telekommunikation/telecommunication)  
 CA Cancer (Krebs)  
 CA Carrier Aggregation (Telekommunikation/telecommunication)  
 CA Cellular Automata  
 CA Code Acquisition  
 CA Computer Algebra  
 CA Computer-Animation  
 CA Conditional Access (Telekommunikation/telecommunication)  
 CA Conservation Agriculture  
 CA Kanada/Canada (ISO 3166)  
 C/A Coarse/Acquisition (GPS)  
 CAA Canadian Acoustical Society  
 CAA Civil Aviation Authority (UK)  
 CAA Clean Air Act  
 CAA Computational Aeroacoustics  
 CAAT Center for Alternatives to Animal Testing (Johns Hopkins University, Baltimore, MD, USA)  
 CABP China Architecture and Building Press  
 CABR Complex Auditory Brainstem Response  
 CAC Call Acceptance (or: Admission) Control (Telekommunikation/telecommunication)  
 CAC Center for Advanced Computing  
 CACSD Computer Aided Control System Design  
 CAD Computer Aided Design  
 CADE Computer Algebra and Differential Equations (Programm bei der GMD/research program of the GMD)  
 CADSTI Caribbean Diaspora for Science, Technology, and Innovation  
 CAE Center for Astronomy Education (University of Arizona, USA)  
 CAE Computer Aided Engineering  
 CAESAR Center of Advanced European Studies and Research (Bonn, DE)  
 CAEX Computer Aided Engineering Exchange (Maschinensprache)  
 CAFE Corporate Average Fuel Efficiency (or: Economy)  
 CAG Computer Aided Gage (or: Gaging) (computerunterstützte Kfz-Schaltung/automobile gear)  
 CAGE Centre for Arctic Gas Hydrate, Environment and Climate  
 CAGR Compound Annual Growth Rate  
 CAHA Centro Astronómico Hispano-Aléman (= DSAZ) (Calar Alto)  
 CAI Calcium-Aluminum Inclusion (Astrophysik/astrophysics)  
 CAI Cavity as Interface  
 CAI Computer-Aided (or: Assisted) Instruction  
 CAIMIS Chemistry Analysis Information Management Interface System  
 CAIP Center for Advanced Information Processing (Rutgers University, USA)  
 CAIR Center for Artificial Intelligence Research (Korea)  
 CAL Computer-Aided (or: Assisted) Learning  
 CALI chromophorassistierte lichtgesteuerte Inaktivierung  
 CALIPSO Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observation  
 CALM Commercial Advertisement Loudness Mitigation (act, USA 2010)  
 CALO Cognitive Agent that Learns and Organizes  
 Caltech California Institute of Technology (Los Angeles, CA, USA)  
 Caltrans California Department of Transportation  
 CAM Career Asset Manager (IEEE)  
 CAM Centre of Advanced Materials (University of Heidelberg, DE)  
 CAM Computer Aided Manufacturing  
 CAMA Crew Assistant System for Military Aircraft  
 CAMEL Cellular Automata Environment for Systems Modelling  
 CAMEL Customized Applications for Mobile (Network) Enhanced Logic (Telekommunikation/telecommunication)  
 CAMEO Computer Aided Mechanistic Evaluation of Organic Reactions  
 CAML Census of Antarctic Marine Life  
 CAMP Channel Amplifier  
 cAMP Cyclic Adenosine Monophosphate, cyclisches Adenosinmonophosphat  
 CAMPARE California-Arizona Minority Partnership for Astronomy Research and Education  
 CAMPEP Commission on Accreditation of Medical Physics Education Programs (USA)  
 CAMS Card Application Management System (Smart Card)  
 CAMVis Coupled Advanced Modeling and Visualization  
 CAN Control(ler) Area Network  
 CAN Customer Access Network  
 CANDU Canada Deuterium Uranium (reactor)  
 CANIF Carbon and Nitrogen Cycling in Forest Soils  
 CANOLA Canadian Oil, Low Acid (Raps-Neuzüchtung)  
 CAO Carnegie Airborne Observatory  
 CAO Computer Aided Optimization  
 CAOHC Council for Accreditation in Occupational Hearing Conservation  
 CAP Camel Applications Part (Telekommunikation/telecommunication)

CAP	Canadian Association of Physicists
CAP	Capabilities Application Part (Telekommunikation/telecommunication)
CAP	Carrierless Amplitude Phase (modulation)
CAP	Committee on Applied Physics (APS)
CAP	Common Agricultural Policy (EU)
CAP	Computer Aided Painting (Lackier-Roboter)
CAP	Council of the American Physical Society
CAPA	Corrective Actions and Preventive Actions
CAPE	Computer Assisted Process Engineering
CAPE	Convective Available Potential Energy (tornado research)
CAPEs	Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (BR)
CAPEX	Capital Expenditure
CAPI	Common Application Programming (Telekommunikation/telecommunication)
CAPP	Center for Axion and Precision Physics Research (KAIST)
CAPR	Center for Advanced Preclinical Research (at NCI)
CAPRA	Concept to Amplify Plutonium Reduction in Advanced Fast Reactors (CEA)
CAPS	Call Attempts per Second (Telekommunikation/telecommunication)
CAPT	Center for Applied Physics and Technology (Peking University, China)
CAPTCHA	Completely Automated Public Turing Test to Tell Computers and Humans Apart (Internet)
CAQ	Computer Aided Quality
CAR	Center Automotive Research (FH Gelsenkirchen, DE)
CAR	Chimeric Antigen Receptor, chimärer Antigenrezeptor
CARA	California Association for Research Astronomy
CARAT	Computer Aided Radio and Television
CARB	California Air Resources Board
CARD	Controlled Access to Research Data Stored Securely
CARE	Comprehensive Approach for Recycling of Electronics
CARF	Council for Accreditation of Rehabilitative Facilities (USA)
CARIBIC	Civil Aircraft for the Regular Investigation of the Atmosphere Based on an Instrument Container
CARIBU	Californium Rare Isotope Beam Upgrade (Argonne National Laboratory, near Chicago, IL, USA)
CARICOM	Caribbean Community (Haiti, Guyana, Suriname, Belize, West Indies)
CARL	Colorado Alliance of Research Libraries
CARMA	Combined Array for Research in Millimeter-Wave Astronomy (Cedar Flat, CA, USA)
CARMA	Cooperative Arrival Manager (Flugverkehr/air traffic)
CarNak	Carbon Nanotube Aktuatorik
CAROD	Computer Aided Robust Design
CARPET	Cellular Programming Environment
CARROUSO	Creating, Assessing and Rendering in Real Time of High Quality Audio-Visual Environments in MPEG-4 Context (3D-Klangverfahren/3D sound reproduction)
CARS	Center for Advanced Radiation Sources (Chicago, IL, USA)
CARS	Coherent Anti-Stokes Raman Spectroscopy (or: Scattering)
CART	Center for Advanced Radiotherapy Technologies (UCSD)
CART	Classification and Regression Trees (statistical analysis)
CART	Combination Antiretroviral Therapy
CAS	Calorimetric Absorption Spectroscopy
CAS	Catgut Acoustical Society (promoting violin acoustics)
CAS	Channel Associated Signaling
CAS	Chemical Abstracts Service (Datenbank, seit/data bank, since 1907)
CAS	Chinese Academy of Sciences (Beijing, CN)
CAS	Committee on Assurance of Supply
CAS	Complex Adaptive Systems
CAS	Conditional Access System (Digitalrundfunk/digital broadcast)
CAS	Controlled Access Service
Cas	CRISPR-Associated
CASA	Computational Auditory Scene Analysis
CASAGRAS	Coordination and Support Action for Global RFID-Related Activities and Standardization (EU project in FP7)
CaSE	Campaign for Science and Engineering
CASE	Computer Aided Software Engineering
C <sup>2</sup> A <sup>2</sup> S <sup>2</sup> E	Center for Computer Applications in Aerospace Science and Engineering (DLR, Braunschweig, DE)
CASI	Canadian Aeronautic and Space Institute
CASIPS	Close to Application Study in Polymer Science (IAP-Förderprogramm/IAP grant program)
CISIS	Center for the Advancement of Science in Space (USA)
CASL	Consortium for Advanced Simulation of Light Water Reactors (ORNL, USA)
CASP	Center for Autonomous Solar Power (State University of New York, Binghamton, USA)
CASP	Competitive Access Service Provider (Telekommunikation/telecommunication)
CASP	Critical Assessment of [Techniques for] Protein Structure Prediction
CASRAI	Consortia Advancing Standards in Research Administration Information
CASSE	Comet Acoustical Surface Sounding
CASS-MT	Center for Adaptive Supercomputing Software for Multithreaded Architectures
CAST	Cardiac Arrhythmia Suppression Trial
CAST	[Competence] Center for Applied Security Technology
CAST	CERN Axion Solar Telescope
CAST	Chinese Association for Science and Technology
CAT	Collaborative Access Team (at APS, Argonne)
CAT	Computer-Aided Teaching
CAT	Computer-Aided Tomography
CAT	Computerized Axial Tomography
CAT	Conditional Access Table (Telekommunikation/telecommunication)



CATC	Continuous Automatic Train Control (Eisenbahntechnik/railway technology)
CATI	Computer Assisted Telephone Interviewing
CATS	Capacitive Anti-Finger-Trap System (Einklemmschutz bei Autofenstern/vehicle windows)
CATS	Climate-Compatible Air Transport System
CATS	Collaboration of Astronomy Teaching Scholars (USA)
CATV	Cable Television
CATV	Coaxial Television
CATV	Community (or: Common) Antenna Television
CAU	Christian-Albrechts-Universität (Kiel)
CAUL	Council of Australian University Libraries
CAVE	Cave Automatic Virtual Environment
CAVE	Computer Aided Virtual Environment
CA9	Carboanhydrase 9 (Tumorbekämpfung/cancer treatment)
CB	Cellular Broadcast
CB	Citizen Band (Mobilfunk/mobile radio, 26.565 – 27.405 MHz)
CB	Control Burst (Telekommunikation/telecommunication)
CBC	Canadian Broadcasting Corporation
CBC	Cell Broadcast Center (Telekommunikation/telecommunication)
CBDS	Connectionless Broadband Data Service
CBEN	Center for Biological and Environmental Nanotechnology (Rice University, USA)
CBI	Cosmic Background Imager (Radioteleskop-Array/radio telescope array in Chile)
CBIR	Center for Brain Injury and Repair (University of Pennsylvania, USA)
CBIR	Content-Based Image Retrieval
CBIIIT	Center for Biomedical Informatics and Information Technology
CBM	Compressed Baryonic Matter
CBMC	Convergence of Broadcast and Mobile Services (Telekommunikation/telecommunication)
CBME	Center of Business Model Engineering
CBN	Cubic Boron Nitride
CBO	Compact Base Station Outdoor (Mobilfunk/mobile radio)
CBO	Congressional Budget Office (USA)
CBOE	Chicago Board Options Exchange (Börsenhandel/stock exchange)
CBP	Customs and Border Protection (USA)
CBP	[Fraunhofer-Zentrum für] Chemisch-Biotechnologische Prozesse (Leuna)
CBPF	Centro Brasileiro de Pesquisas Físicas (Brazilian Center for Research in Physics)
CBQ	Class Based Queuing (Telekommunikation/telecommunication)
CBR	Constant Bit Rate (Datenübertragung/data transfer)
CBR	Content-Based Retrieval
CBS	Cell Broadcast Service (Telekommunikation/telecommunication)
CBS	Centre for Biological Sequence Analysis (Technical Union of Denmark)
CBS	Centrum für Schlaganfall-Forschung Berlin (Charité)
CBSDM	Component-Based Scene Description Model
CBT	Computer Based Training
CBT	Coulomb Blockade Thermometer
CBTC	Communication Based Train Control (Eisenbahntechnik/railway technology)
CBTL	Certification Body Testing Lab
CC	Call Control (Layer 3)
CC	Capital Cost
cc	Carbon Copy (Durchschlag)
CC	Competence Center (computer networks)
CC	Component Carrier (Telekommunikation/telecommunication)
CC	Connection Coordinator
CC	Continuity Checking (Telekommunikation/telecommunication)
CC	Copyright Compliant (Telekommunikation/telecommunication)
CC	Creative Commons (kostenlos nutzbar)
CC	Cross Connect (Telekommunikation/telecommunication)
CC	Kokosinseln/Cocos Islands (ISO 3166)
CCA	Clear Channel Assessment (Telekommunikation/telecommunication)
CCA	Continuum Computer Architecture
CCA	Copy Control Association
CCAPP	Center for Cosmology and Astroparticle Physics (Ohio State University, Columbus, OH, USA)
CCAST	Center for Computationally Assisted Science and Technology (NDSU, USA)
CCAT	Cerro Chajnantor Atacama Telescope
CCAT	Cornell Caltech Atacama Telescope (Radioteleskop/radio telescope, geplant für/planned for 2013)
CCB	Climate-Culture-Building
CCB	Customer Care and Billing (Telekommunikation/telecommunication)
CCBS	Customer Care and Billing System (or: Service) (Telekommunikation/telecommunication)
CCC	Capability Computing Campaign
CCC	Comprehensive Cancer Center (Heidelberg, DE)
CCC	Cross-Correlation Coefficient
CCC	Copyright Clearance Center, Inc.
CCCH	Common Control Channel (Telekommunikation/telecommunication)
CCD	Carbonate Compensation Depth (im Meer/in the Ocean)
CCD	Center for Coatings and Diamond Technologies (Michigan State University in East Lansing, USA)
CCD	Centre-to-Centre Displacement (microoptics)
CCD	Charge-Coupled Device
CCD	Click Change Detection (Wal-Laute/whale sounds)
CCD	Colony Collapse Disorder (Bienenkrankheit/honeybee disease)
CCDF	Complementary Cumulative Distribution Function (Telekommunikation/telecommunication)

CCDM	Consultive Committee for the Definition of the Metre
CCDS	Comité Consultatif pour la Définition de la Seconde
CCE	Cloud Center Efficiency
CCE	Comité Consultatif d'Electricité
CCEM	Centre for Emerging Device Technologies (McMaster University, Hamilton, ON, CA)
CCES	Center for Computational Engineering Science (RWTH Aachen, DE)
CCES	Climate Science Computational End Station (USA)
CCF	Call Control Function (Telekommunikation/telecommunication)
CCF	Capillary Channel Flow
CCF	Cross-Correlation Function
CCFL	Cold-Cathode Fluorescent Lamp
CCG	Chemical Computing Group (UK)
CCH	Congress Center Hamburg
CCHP	Combined Cooling, Heating, and Power (Kraftwerk/power station)
CCI	Co-Channel Interference (Telekommunikation/telecommunication)
CCI	Comité Consultatif International [des communications téléphoniques à grande distance] (seit/since 1924)
CCIB	Center for Computational and Integrative Biology (Rutgers University, USA)
CCID	Coordinating Center for Infectious Disease (Atlanta, GA, USA)
CCIF	Comité Consultatif International Téléphonique (später/after on: CCIT)
CCIR	Comité Consultatif International des Radiocommunications
CCIT	Comité Consultatif International des Communications Télégraphiques (gegründet/founded 1925, ab/since 1956: Comité Consultatif International de Communication Télégraphique et Téléphonique)
CCITT	Comité Consultatif International pour la Télégraphie et le Téléphone
CCK	Complementary Code Keying (Telekommunikation/telecommunication)
CCL	[Fraunhofer-] Center for Coatings and Laser Applications (Michigan, USA)
CCL	Commerce Control List (USA)
CCLD	Constant Current Line Drive (Konstantstromversorgung)
CCLRC	Council for the Central Laboratory of the Research Councils (UK)
CCM	Certified Consulting Meteorologist (American Meteorological Society program)
CCM	Climate Control Module (für Autos/for cars)
CCM	Cluster Compatibility Mode
CCM	Comité Consultatif pour la Masse et les Grandeurs Apparantées
CCM	CORBA Component Model (Telekommunikation/telecommunication)
CCMR	Collaborative Conference on Materials Research
CCMS	Center for Condensed Matter Sciences (National Taiwan University)
CCNY	City College of New York (USA)
CCO	Central Coordination Office
CCO	Chief Compliance Officer
CCP	Chinese Communist Party
CCP	Customer Convenience Port
CCPCH	Common Control Physical Channel (Telekommunikation/telecommunication)
CCPR	Comité Consultatif de Photométrie et Radiométrie
CCQS	Center for Controlled Quantum Systems (Stevens Institute of Technology, Hoboken, NJ, USA)
CCRA	Common Criteria Recognition Agreement
CCS	Carbon (Dioxide) Capture and Storage Technologies
CCS	Center for Computing Sciences (IDA)
CCS	College of Creative Studies (at UCSB)
CCS	Common Channel Signaling
CCS	Compute Cluster Server (Windows, 2003)
CCS	CO <sub>2</sub> (or: Carbon) Capture and Storage (Umweltschutz/environment conservation)
CCS	Satellite Control Center
CCSA	China Communications Standard Association (Telekommunikation/telecommunication)
CCSM	Community Climate System Model (Klimaforschung/climate research)
CCSU	Central Connecticut State University
CCT	Center for Computation and Technology (at LSU)
CCT	Correlated Colo(u)r Temperature
CCT	Cyclic Corrosion Test, zyklischer Korrosionstest
CCTS	Carbon Capture, Transport and Storage
CCTV	China Central Television
CCTV	Closed Circuit Television
CCV	Control-Configured Vehicle (Flugzeug/aircraft)
CCVC	Capacitively Coupled Voltage Contrast
CCW	Convention on Certain Conventional Weapons
CCW	counterclockwise
CCXML	Call Control Extensible Markup Language (Telekommunikation/telecommunication)
CCO	Creative Commons Zero
CD	Chromatic Dispersion (Glasfaser/glass fiber)
CD	Circular Dichroism (spectroscopy)
CD	Compact Disc
CD	Demokratische Republik Kongo (früher Zaire)/Democratic Republic of Congo (former Zaire) (ISO 3166)
CDA	Clinical Document Architecture (HLJ)
CDA	Committee on Diversity in Acoustics (ASA, USA)
CDA	Confirmatory Data Analysis
CDA	Continuous Descent Approach (Flugverkehr/air traffic)
CDA	Convent deutscher Akademikerverbände
CDA	[Dateinamenerweiterung: CD-Titel auf Musik-CD/file name extension: CD title on music CD]
CDA	Cosmic Dust Analyzer
CDC	Cell Division Cycle

CDC	Center for Disease Control [and Prevention] (e.g., Atlanta, GA, USA)
CDC	China Development Corporation (Taiwan)
CDC	Compact Diagnostic Chamber (Telekommunikation/telecommunication)
CDC	Continuous Damping Control
CDC	Control Data Corporation
CDD	Childhood Disintegrative Disorder
CDD	Collaborative Drug Discovery
CDDI	Copper Distributed Data Interface
CDE	Common Desktop Environment
CDE	Component Development Environment (Telekommunikation/telecommunication)
CDEX	China Dark Matter Experiment
CDF	Channel Definition Format
CDF	Collider Detector at Fermilab
CDF	Cumulative Density (or: Distribution) Function
CDG	Carl-Duisberg-Gesellschaft
CDG	Christian Doppler Forschungsgesellschaft (Austria)
CDG	Congenital Disorders of Glycosylation
CDH	Completely Detached H-Regime (Fusionsreakorteknik/fusion reactor technology)
CDI	Collaborative Data Infrastructure (EU project)
CD-I	Compact Disc-Interactive
CDK	Cyclin Dependent Kinase (Medizin/medicine)
CDL	Coordinated Development Laboratory (NRAO)
CDLCME	Christian Doppler Laboratory for Cavitation and Micro-Erosion (Göttingen, DE)
CDM	Clean Development Mechanism (Umweltschutz/environment conservation)
CDM	Code Division Multiplex(ing)
CDM	Cold Dark Matter (Kosmologie/cosmology)
CDMA	Code Division Multiple Access (Mobilfunk/mobile radio)
CDMS	Clinical Data Management System
CDMS	Cryogenic Dark Matter Search (Astrophysik/astrophysics, USA)
CDN	Content Delivery (or: Distribution) Network (Telekommunikation/telecommunication)
CDN	Coupling/Decoupling Network (Telekommunikation/telecommunication)
cDNA	Complementary DNA
CDO	Collateral Debt Obligation (Wertpapierhandel/stock exchange)
CDO	Consortium Directory Online
CDP	Code Domain Power (Telekommunikation/telecommunication)
CDP	Core Description Profile (Telekommunikation/telecommunication)
CdPNo	Called Party Number (Telekommunikation/telecommunication)
CDR	Call Data (or: Detail) Record (Telekommunikation/telecommunication)
CDR	Carbon Dioxide Removal (climate engineering)
CDR	Clock Division (or Data) Recovery (Telekommunikation/telecommunication)
CDR	[Dateinamenerweiterung: Corel Draw-Graphikdatei/file name extension: Coral Draw graphic file]
CDR	Critical Design Review
CDRH	Center of Devices and Radiological Health (US Food and Drug Administration)
CD-ROM	Compact Disc Read-Only Memory
CDS	Chromatography (Handling) Data System
CDS	Clinical Decision Support (USA)
CDS	Coronal Diagnostic Spectrometer (an Bord von/aboard SOHO)
CDS	Correlated Double Sampling (Rauschunterdrückung/noise reduction)
CDS	Credit Default Swap (Börsenhandel/stock exchange)
CDS	Crosspoint Development System
CDT	Causal Dynamical Triangulation (Gravitationstheorie/theory of gravitation)
CDT	Conductivity, Temperature, Depth (sensors for marine research)
CDTI	Cockpit Display for Traffic Information (Flugsicherung/flight security)
CDU	Cooling (or: Coolant) Distribution Unit (HPC)
CDV	Cell Delay Variation
CDVT	Cell Delay Variation Tolerance
CDW	Charge-Density Wave
CDZ	Chinesisch-Deutsches Zentrum für Wissenschaftsförderung (Beijing)
CE	Capillary Electrophoresis
CE	Carrier Ethernet (Telekommunikation/telecommunication)
CE	Chief Executive
CE	Circuit Emulation (Telekommunikation/telecommunication)
CE	Communauté (oder/or: Conformité) Européenne
CE	Consumer Electronics
CE	Customer Edge (or: Equipment) (Telekommunikation/telecommunication)
CE	Kapillarelektrophorese
CEA	Center for Extreme Ultraviolet Astrophysics (Berkeley, CA, USA)
CEA	Commisariat à l'Energie Atomique (Fontenay aux Roses, FR)
CEA	Consumer Electronics Association (USA)
CEAASES	Consejo de Evaluacion Acreditacion y Aseguramiento de la Calidad de la Educacion Superior (Board of Assessment, Accreditation and Quality Assurance in Higher Education, Ecuador)
CEAS	Confederation (or: Council) of European Aerospace Societies
CEAUL	Centro de Estatística e Aplicações da Universidade de Lisboa (PT)
CEBAF	Continuous Electron Beam Accelerator Facility (Newport News, VA, USA)
ceBIT	Centrum für Büro- und Informationstechnik (Messe, Hannover/Hanover fair, DE)
CEC	Commission of the European Communities
CEC	Consumer Electronics Control (Telekommunikation/telecommunication)
CEC	Countries of Central Europe (ehem. Ostblockländer/former Eastern Block countries)

CECS	Center for Energy and Climate Solutions (Annadale, VA, USA)
CEC-WYS	Central European Centre for Women and Youth in Science
CEDIA	Custom Electronic Design and Installation Association (USA)
CEDIM	Center for Disaster Management and Risk Reduction Technology (Univ. Karlsruhe, DE)
CEDR	Clinical and Experimental Dental Research
CEDR	Conference of European Directors of Roads
ÈDRE	Centre of Documentation, Research and Experimentation on Accidental Water Pollution (French Organization)
CEDT	Centre for Emerging Device Technologies (McMaster University, Hamilton, ON, CA)
CEE	Controlled Exposure Experiment
CEEES	Committee of European Environmental Engineering Societies (at the ICT, Pfinztal, DE)
CEEM	Center for Exploration of Energy and Matter (Indiana University, USA)
CEET	Clean and Efficient Energy Technologies
CEF	Concurrent Engineering Facility (DLR, Bremen, DE)
CEFE	Centre for Functional and Evolutionary Ecology (Montpellier, FR)
CEFS	Centre for Entrepreneurial and Financial Studies (TU München, DE)
CEGMR	Center of Excellence in Genomic Medicine Research (King Abdulaziz University, Saudi Arabia)
CEHMS	Center for Energy Harvesting Materials and Systems (VPI&SU, Blacksburg, VA, USA)
CEI	Central European Initiative
CEI	Commission Electrotechnique Internationale (= IEC)
CEIC	Committee on Electronic Information and Communication
CEIN	Center for Environmental Implications of Nanotechnology (University of California at Los Angeles, USA)
CELIA	Centre for Lasers and Intense Applications (Bordeaux, FR)
CELIAS	Charge, Element and Isotope Analyses System (an Bord von/aboard SOHO)
CellID	Cell Identification (Telekommunikation/telecommunication)
CELP	Code-Excited Linear Prediction
CELT	California Extremely Large Telescope
CELTIC	Cooperation for a Sustained European Leadership in Telecommunications
CEM	Center for Electromechanics (University of Texas in Austin, USA)
CEM	Channel Electron Multiplier
CEMA	Consumer Electronics Manufacturers Association
CaMAS	Centre for Modern East Asian Studies (University of Göttingen, DE)
CMaST	Center for Excellence in Mathematics and Science Teaching (California State Polytechnic University, Pomona)
CaMIS	Centre for Modern Indian Studies (University of Göttingen, DE)
CEMS	Conversion Electron Mössbauer Spectroscopy
CEN	Centre d'études nucléaires (Bordeaux-Gradignan, FR)
CEN	Comité Européen de Normalisation [European Committee for Standardization, Europäisches Komitee for Normung]
CENAM	Centro Nacional de Metrología (MX)
CENELEC	Comité Européen de Normalisation Électrotechnique
CENER	[National Renewable Energy Centre] (Spain)
CeNoS	Center for Nonlinear Science (University of Münster, DE)
CENPA	Center for Nuclear and Particle Astrophysics (University of Washington, USA)
CaNS	Center for NanoScience (LMU, München, DE)
CentRec	Zentrifugalreceiver (DLR)
CEO	Chief Executive Officer (entspricht Vorstandschef bei einer AG)
CEOAE	Click-Evoked Otoacoustic Emission
CEOCT	Confocal Enhanced Optical Coherence Tomography
CEOS	Committee on Earth Observing Satellite
CEPBA	Centre for Parallelism of Barcelona (Spain, Computer Center)
CEPI	Confocal Fabry-Perot Interferometer
CEPII	Centre d'Études Prospectives et d'Informations Internationales (Paris, FR)
CEPR	Center for Economic Policy Research (FR)
CEPS	Centre for European Policy Studies (Bruxelles, BE)
CEPSAR	Centre for Earth, Planetary, Space and Astronomical Research (UK)
CEPT	Conférence Européenne des Postes et (des) Télécommunications
CER	Communicating European Research (Meeting)
CER	Community of European Railways
CERAM	Centre d'essais et de recherche automobile de Montefontaine (bei/near Paris, FR)
CeraStorE	Competence Center for Ceramic Materials and Thermal Storage in Energy Research (DLR, Köln)
CERC	Canadian Excellent (or: Canada Excellence) Research Chair (e.g., University of Ottawa, Canada)
CERC	Clean Energy Research Centre
CERCA	Center for Education and Research in Cosmology and Astrophysics (Case Western University, Cleveland, OH, USA)
CERC3	Chairmen and Directors of European Research Council's Chemistry Committees
CEREQ	Centre d'Etude de Recherche sur les Qualifications
CERES	Chemical Evaluation and Risk Estimation System
CERES	Clouds and the Earth's Radiant Energy System (Satelliten-Erd-Fernerkundung/satellite remote earth sensing)
CERIF	Common European Research Information Format
CERN	Conseil Européenne pour la Recherche Nucléaire (jetzt/now: Organisation Européenne ...)
CERP	Centre of European Research Projects
CERRO	Central European Regional Research Organization
CERT	Computer Emergency Response Team
CERTH	Centre for Research and Technology Hellas (Thessaloniki, GR)
CES	Cambridge Engineering Selector [Database] (UK)
CES	Circuit Emulation Services (Telekommunikation/telecommunication)
CES	Computational Engineering Science
CES	Computer Earth Sciences Group (at BSC, Barcelona)
CES	Consumer Electronics Show
CESAR	Cost-Efficient Methods and Processes for Safety Relevant Embedded Systems

CESE	[Fraunhofer-] Center for Experimental Software Engineering (Maryland, USA)
CESGA	Centro de Supercomputación de Galicia (ES)
CESM	Community Earth System Model
CeSMa	Center Smart Materials (FhG-ISC)
CESoE[TH]	Circuit Emulation Service(s) over Ethernet (Telekommunikation/telecommunication)
CESRA	Community of European Solar Astronomers
CEST	C Expert System Tools
CEST	Chemical Exchange Saturation Transfer (Biomedizin/biomedicine)
CET	Kryoelektronentomografie
CETA	Center of Excellence for Advanced Technology
CETA	College of Engineering, Technology, and Architecture
CETHEDEC	Centre d'études théoriques de la détection et des communications (FR)
CETIM	Centre technique des industries mécaniques (FR)
CETUP	Center for Theoretical Underground Physics and Related Areas (South Dakota, USA)
CEZA	Curt-Engelhorn-Zentrum Archäometrie (Mannheim)
CF	Characteristic Frequency
cf	cubic foot, cubic feet
CF	Cystische Fibrose (Mukoviszidose)
C&F	Cost and Freight (Handelsverkehr/trade)
CF	Zentralafrikanische Republik/Central African Republic (ISO 3166)
CfA	Center for Astrophysics (Harvard-Smithsonian, Cambridge, MA, USA)
CFA	Color Filter Array (Bildverarbeitung/picture processing)
CFAR	Constant-False-Alarm Rate (Telekommunikation/telecommunication)
CFC	Carbon Fiber Reinforced Carbon
CFC	Chlorofluorocarbon
CFD	Computational Fluid Dynamics, scherzhaft auch/jokingly also: Colorful Fluid Dynamics
CFDS	Center for Doctoral Studies (RWTH Aachen, DE)
CFEL	Centre for Free-Electron Laser Science (Hamburg, DE)
CFE	Consistent-Force-Field (molecular physics)
CFFL	Columbus Free Flying Laboratory (Raumfahrt/spacecraft)
CFFS	Conventional Fish-Finding Echo Sounder
CFG	Context-Free Grammar (Sprachverarbeitung/speech processing)
CFG	[Dateinamenerweiterung: Konfigurationsdatei/file name extension: configuration file]
CFHT	Canada-France-Hawaii Telescope (Mauna Kea)
CFI	Canada Foundation for Innovation (Saskatoon, Saskatchewan, CA)
CFI	Canonical Format Indicator (Telekommunikation/telecommunication)
CFI	Color Flow Imaging (Ultraschall-Doppler-Verfahren/ultrasound Doppler method)
CFIT	Controlled Flight into Terrain
CFK	Kohlenstofffaser-verstärkte Kunststoffe
CFL	CAD Framework Laboratory
CFL	Compact Fluorescent (Bulb)
CFM	Confocal Microscopy
CFMS	Centre for Modelling and Simulation
CFN	Center for Functional Nanomaterials (Brookhaven National Laboratory, USA)
CFO	Carrier Frequency Offset (Datenübertragung/data transfer)
CFO	Chief Financial Officer
CFP	Common Fisheries Policy (Europe)
CFP	Contention Free Period (Telekommunikation/telecommunication)
CF-PEEK	kohlenstofffaserverstärktes PEEK
CFR	Code of Federal Regulations (FDA)
CFRP	Carbon-Fiber Reinforced Plastic
CFSAN	Center for Food Safety and Applied Nutrition (USA)
CFSE	Center for Frontier Science and Engineering (Tokyo, JP)
CFT	Conformal Field Theory (cosmology)
CFTR	Cystic Fibrosis Transmembrane Conductance Regulator
CFU	Colony Forming Units (Bakterien/bacteria)
CFV	Call for Votes (Rechnernetz/computer network)
CG	Charging Gateway
CG	Computer Graphics
CG	Chorion Gonadotropin (ein Hormon/a hormone)
CG	Volksrepublik Kongo/People's Republic of Congo (ISO 3166)
CGA	Cancer Genome Atlas
CGA	Ceramic Grid Array (Halbleitertechnik/semiconductor technology)
CGA	Color Graphics Adapter
CGC	Chemical Genomic Center (Dortmund, DE)
CGC	Complementary Ground Component (ergänzt/supplement to DVB-SH)
CGD	Coplanar Grid Detector
CGE	Compagnie Générale d'Electricité
CGH	Comparative Genomic Hybridisation (Mikroarraytechnik/microarray technology)
CGH	Computer-Generated Hologram
CGI	Common Gateway Interface (Telekommunikation/telecommunication)
CGIAR	Consultative Group for International Agricultural Research
CGM	Computer Graphics Metafile [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
CGM	Consumer Generated Media
CGM	Continuous Glucose Monitoring
CGMP	Current Good Manufacturing Practice
CGMS	Copy Generation Management System
CGPM	Conférence Générale des Poids et Mesures

CGRM	Centre Grenoblois de Résonance Magnétique (Grenoble, FR)
CGRO	Compton Gamma Ray Observatory
cgs	Centimeter – Gramm – Sekunde (Maßsystem/system of units)
CGS	Continuous Grain Silicon (Halbleitertechnik/semiconductor technology)
CGS	Corporate GSM Server (Telekommunikation/telecommunication)
CGS	Council of Graduate Schools (USA)
CGSU	Cornell Graduate Students United (USA)
CGWA	Center for Gravitational Wave Astronomy (University of Texas, Brownsville, TX, USA)
CH	Schweiz/Switzerland (ISO 3166)
CHABA	[US National Academy of Sciences] Committee on Hearing, Acoustics, and Bioacoustics
CHAP	Challenge Handshake Authentication Protocol (Telekommunikation/telecommunication)
CHARM	CERN, Hamburg, Amsterdam, Rom, Moskau (Kernphysik-Kollaboration/nuclear physics collaboration)
CHARM	Chemistry at Harvard Molecular Mechanics (computer program)
CHARM	CH <sub>4</sub> Airborne Remote Monitor(ing)
CHARM	Coherence-Advanced Regulation Mode (laser stabilization)
CHARM	Comprehensive Human Animation Resource Model
CHARMM	Chemistry at Harvard Macromolecular Mechanics
CHATT	Cryogenic Hypersonic Advanced Tank Technologies (EU project)
CHC	Chlorinated Hydrocarbon
CHDM	Cold + Hot Dark Matter (Kosmologie/cosmology)
CHE	Centrum für Hochschulentwicklung (Gütersloh)
ChEBI	Chemical Entities of Biological Interest (Datenbank/data bank)
CHEMFET	[FET mit chemischem Sensor als Gate-Elektrode/FET with chemical sensor as gate electrode]
CHEOPS	Characterizing Exoplanet Satellite (ESA, Start 2017)
CHEOPS	Chemistry of Ozone in the Polar Stratosphere
CHESS	Composition with Guarantees for High-Integrity Embedded Software Components Assembly (EU project)
CHESS	Cornell High Energy Synchrotron Source (Teilchenbeschleuniger/particle accelerator, Ithaca, NY, USA)
CHF	Congestive (or: Chronic) Heart Failure (Herzinsuffizienz)
CHG	Coherent Harmonic Generation
CHIEF	Combined Helmholtz Integral Equation Formulation
CHIL	Computers in the Human Interaction Loop (EU project)
CHILIAS	Children's Library – Information – Animation – Skills
CHIME	Canadian Hydrogen Intensity Mapping Experiment (astrophysics)
CHMM	Call Handling MultiMedia (Telekommunikation/telecommunication)
CHORUS	CERN Hybrid Oscillation Research Apparatus
CHORUS	Clearinghouse for the Open Research of the United States
CHP	Center for History of Physics (AIP)
CHP	Combined Heating and Power (Kraftwerk/power station)
CHRG	Concert Hall Research Group (Acoustics, USA)
CHRIS	Compact High Resolution Imaging Spectrometer
CHTM	Center for High Technology Materials (at UNM)
C/I	Carrier-to-Interference Performance (Telekommunikation/telecommunication)
CI	Cell Identity (Mobilfunk/mobile radio)
CI	Chemical Ionisation (Massenspektrometer/mass spectrometer)
CI	Cochlear Implant
CI	Computation Institute
CI	Elfenbeinküste/Ivory Coast (ISO 3166)
CIA	Central Intelligence Agency (oberste US-Geheimdienstbehörde)
GIA	CERIF in Action
CIAO	Collaborative Institutional Assessment of Open Access
CIAO	Coronagraphic Imager with Adaptive Optics
CIAT	Centre for Tropical Agriculture
CIC	Cascaded Integrator-Comb (Signalverarbeitung/signal processing)
CIC	Center for International Cooperation (Bonn, DE)
CIC	Charge Injection Calibration
CIC	Conseil Internationale de la Chasse et de la Conservation du Gibier
CIC	Coronagraphic Imaging Camera
CICADA	Centre for Interdisciplinary Computational and Dynamical Analysis (University of Manchester, UK)
CICQ	Combined Input and Central Queuing (Telekommunikation/telecommunication)
CICS	Customer Information Control System (Telekommunikation/telecommunication)
CICYT	Comisión Interministerial de Ciencia y Tecnología (ES)
CID	Carrier Internetworking Division (Telekommunikation/telecommunication)
CID	Central Institute for the Deaf (Saint Louis, MO, USA)
CID	Charge-Injection Device
CID	Collision-Induced Dissociation
CIDL	Configuration Item Data List (Telekommunikation/telecommunication)
CIDR	Classless Interdomain Routing (Internet)
CIE	Commission Internationale d'Eclairage, International Commission of Illumination
CIEMAT	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (ES)
CIERA	Center for Interdisciplinary Exploration and Research in Astrophysics (Northwestern University, USA)
CIESIN	Consortium for International Earth Science Information Network
CIF	Common Intermediate Format (Datennetz/data network)
C.I.F.	Cost, Insurance, Freight (Handelsverkehr/trade)
CIG	Cell Interconnection Gateway (Datennetz/data network)
CIGS	Copper Indium Gallium Selenium (or: Diselenide) (für Photovoltaik/for photovoltaics)
CII	Climate Impact Indicator
CILIP	Chartered Institute of Library and Information Professionals
CIM	Computer-integrated manufacturing

CIM	Corporate Information Management (USA)
CIME	Computer Integrated Manufacturing and Engineering
CIMSS	Center for Intelligent Material Systems and Structures (VPI & SU, Blacksburg, VA, USA)
CINEFOGO	Civil Society and New Forms of Governance in Europe
CINEMA	Center for Innovative and Emerging Materials (Johannes Gutenberg Universität Mainz, DE)
CINEMA	Cubesat for Ions, Neutrals, Electrons, and Magnetic Fields (microsatellite to study Earth's ring-current region)
CINR	Carrier-to-Interference plus Noise Ratio (Telekommunikation/telecommunication)
CINT	Center for Integrated Nanotechnology (LANL)
CIO	Centrum Integrierte Onkologie
CIO	Chief Information (or: Integration) Officer
CIOE	China International Optoelectronics Expo
CIOQ	Combined Input- and Output-Queued (Telekommunikation/telecommunication)
CIP	Cataloging in Publication
CIP	Centre for Integrated Photonics (UK)
CIP	Channelopathy-Associated Insensitivity to Pain
CIP	Competitiveness and Innovation Framework Programme (EU)
CIP3	International Cooperation for Integration of Prepress, Press and Postpress (Druckindustrie/printing industry)
CIPM	Comité International des Poids et Mesures
CIPRNet	Critical Infrastructure Preparedness and Resilience Research Network (EU project)
CIPT	Computer Integrated Public Transportation
CIR	Carrier to Interference Ratio (Telekommunikation/telecommunication)
CIR	Channel Impulse Response
CIR	Circle (US Mail)
CIR	Committed Information Rate (Datennetz/data network)
CIR	Computer Integrated Railroading
CIR	Corotating Interaction Region (heliosphere)
CIR	Cylindrical Internal Reflection (ATR-Technik/ATR technology)
CIRA	Centro Italiano Ricerche Aerospaziali [Italian Aerospace Research Center] (Capua, IT)
CIR ELKE	Computer Integrated Railroading for Raising Efficiency in the Core Network (Eisenbahntechnik/railway technology)
CIRES	Cooperative Institute for Research in Environmental Sciences
CIRIT	Conseil Interdepartamental de Recerca i Innovació Tecnològica (ES)
CIRMMT	Centre for Interdisciplinary Research in Music Media and Technology (McGill University, CA)
CIRS	Composite Infrared Spectrometer (Cassini)
CIS	Card Information Structure
CIS	Commonwealth (or: Confederation) of Independent States (= GUS)
CIS	Compensated Image System (adaptive Optik/adaptive optics)
CIS	Computing Infrastructure for Science (NRP)
CIS	Constant Initial-State (Photoemission)
CIS	Copper Indium Selenide, Kupferindiumdiselenid (für Photovoltaik/for photovoltaics)
CISAC	Committee on International Security and Arms Control (USA)
CISC	Complex Instruction Set Computer
CISCO	Cooled Infrared Spectrograph and Camera for OH-Airglow Suppression
CISE	Computer & Information Science & Engineering (Division of NSF, USA)
CISE	Computing in Science and Engineering (AIP Magazine)
CISL	Computational and Information Systems Laboratory (at NCAR)
CISL	Contractual Index and Status List (Telekommunikation/telecommunication)
CISM	[International Centre for Mechanical Sciences], Udine, IT
CISPR	Comité International Spécial des Perturbations Radioélectriques (International Special Committee on Radio Interference, since 1933)
CIST	[Moskau-Fraunhofer] Institut für Chemische Technologie Pfanztal
CISTI	Canada Institute for Scientific and Technical Information
CIT	Carbon-Ion Therapy (cancer treatment)
CIT	Center for Information Technology (beim/at the NIH, USA)
CITA	Canadian Institute for Theoretical Astrophysics (Toronto, ON, CA)
CITEL	InterAmerican Telecom Commission (Telekommunikation/telecommunication)
CITES	Convention on International Trade in Endangered Species [of Wild Fauna and Flora] (Internationale Übereinkunft zum Handel mit bedrohten Arten)
CIVA	Charge-Induced Voltage Alteration
CJD	Creutzfeld-Jakob Disease
CJDA	Cambridge Journals Digital Archive
CJK	Creutzfeld-Jakob-Krankheit
CJO	Cambridge Journals Online (Cambridge University Press)
CJOM	Cambridge Journals Online Mobile (Cambridge University Press)
CJPL	China Jinping Deep Underground Laboratory
CJR	Central Japan Railway (Company)
CK	Clock (Telekommunikation/telecommunication)
CK	Cookinseln/Cook Islands (ISO 3166)
CKAN	Comprehensive Knowledge Archive Network
CKM	[Nicola] Cabibbo, [Makoto] Kobayashi, [Toshihide] Maskawa [Matrix] (Elementarteilchentheorie/elementary particle theory)
CKW	chlorierte Kohlenwasserstoffe
CL	Chile (ISO 3166)
Cl.	Classification (Patentliteratur/patent literature)
CL	Connectionless (Internet)
CL	Control(led) Load
CLA	Canadian Library Association
CLA	Center for Laser Applications (Plymouth, Michigan, USA)
CLA	Copyright Licensing Agency

CLAD	Chronic Lung Allograft Dysfunction
CLAF	Centro Latino-Americano de Fisica
CLAIRE	Clean Air Engine (Flugzeugmotor/aircraft engine)
CLARIN	[European] Common Language Resources and Technology Infrastructure
CLASSE	Cornell Laboratory for Accelerator[-Based] Sciences and Education
CLC	Cholesteric Liquid Crystal
C.L.E.	Club zur ländlichen Elektrifizierung
CLE	Customer Located Edge (or: Equipment) (Telekommunikation/telecommunication)
CLEAR	Center for Laser Experimental Astrophysics Research (University of Michigan, USA)
CLEAR	Coordinated Lysosomal Expression and Regulation, koordinierte lysosomale Expression und Regulation
CLEC	Competitive Local Exchange Carrier (Telekommunikation/telecommunication)
CLEO	Conference on Lasers and Electro-Optics
CLEOPATRA	Cloud Experiment Oberpfaffenhofen and Transport
CLF	Connectivity Session Location and Repository Function (Telekommunikation/telecommunication)
CLFA	Coopération Laser Franco-Allemande
CLI	Calling Line Identification (Telekommunikation/telecommunication)
CLI	Command Line Interface (Telekommunikation/telecommunication)
CLI	Coupling Loop Interference (Telekommunikation/telecommunication)
CLIA	Clinical Laboratory Improvement Amendments (US clinical testing guidelines)
CLIC	Compact Linear Collider (at CERN, planned)
CLIP	Calling Line Identification Presentation (Telekommunikation/telecommunication)
CLIP	Caribbean Large Igneous Province
CLL	Chronic Lymphocytic Leukemia, chronisch lymphatische Leukämie
CLO	Collateralized Loan Obligation (Börsenhandel/stock exchange)
CLONS	Closed Loop Neural Prosthesis for Vestibular Disorders
CLORA	Club des Organismes de Recherche Associés (FR)
CLOS	Common LISP Object System
CLP	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
CLR	Connection Loudness Rating (Telefon/telephone)
CLS	Call Server (Telekommunikation/telecommunication)
CLS	Canadian Light Source (Synchrotron-Strahlungsquelle beim CFI/synchrotron radiation source at the CFI)
CLS	Collecte localisation satellite
CLS	Confocal Laser Scanning (Microscope)
CLSM	Confocal Laser-Scanning Microscope (or: Microscopy)
CLT	Center for Laser Technology (Plymouth, MA, USA)
CLT	Central Limit Theorem
CL20	Hexanitro-Isowurtzitan (Sprengstoff/explosive)
CM	Kamerun/Cameroon (ISO 3166)
CM	Cochlear Microphonic (physiological acoustics)
CMA	Constant Modulus Algorithm
CMAC	Cerebellar Model Arithmetic Computer
CMAM	[Fraunhofer-] Center for Manufacturing and Advanced Materials (Newark, DE, USA)
CMB	[Fraunhofer-] Center for Molecular Biotechnology (Newark, DE, USA)
CMB	Cosmic Microwave Background
CMBR	Cosmic Microwave Background Radiation
CMC	Carboxymethylcellulose
CMC	Ceramic Matrix Composites
CMC	Critical Micelle Concentration
CMCSN	Computational Materials and Chemistry Science Network (Brookhaven National Laboratory)
CMD	Carrier Multiplication Device (Telekommunikation/telecommunication)
CMD	Circuit Mode Data
CMD	Condensed Matter Division (EPS)
CMD	Craniomandibuläre Dysfunktion (des Kiefers)
CME	Coronal Mass Ejection (Sonnenphysik/solar physics)
CMEM	[International Conference on] Computational Methods and Experimental Measurements
CMet	Chartered Meteorologist (UK Royal Meteorological Society's program)
CMI	[Fraunhofer-] Center for Manufacturing Innovations (Boston, MA, USA)
CMI	Center for Materials Innovation (Washington University in St. Louis, MN, USA)
CMI	Critical Materials Institute (Ames Laboratory)
CMIP	Common Management Information Protocol (Telekommunikation/telecommunication)
CMIP5	Coupled Model Intercomparison Project Phase 5
CMIR	Center for Molecular Imaging Research (Harvard University, Boston, MA, USA)
CMIS	Common Management Information Services (Telekommunikation/telecommunication)
CMISE	Common Management Information Services (or: System) Element (Telekommunikation/telecommunication)
CML	[Fraunhofer-] Center für Maritime Logistik (und Dienstleistungen) (Hamburg)
CML	Chemical Markup Language
CML	Chronic Myelogenous Leukemia, chronische myeloische Leukämie
CML	Current Mode Logic (Schaltungstechnik/circuitry)
CMM	Capability Maturity Model
CMM	Chassis Management Modulus
CMM	Condensed Matter/Materials
CMM	Coordinate Measuring Machine
CMM	Corporate Mobility Manager (Telekommunikation/telecommunication)
CMMB	China Mobile Multimedia Broadcasting
CMMI	Capability Maturity Model Integration
CMMP	Condensed Matter and Materials Physics
CMN	Cerous Magnesium Nitrate (Temperaturnormal/temperature standard)
CMNS	Condensed-Matter Nuclear Science



CMO	Chief Medical Officer
CMO	Collateralized Mortgage Obligation (mit Hypotheken besichertes Wertpapier)
CMO	Complex Monolithic Optics
CMOS	Capacity-Coupled Metal-Oxide Silicon Device
CMOS	Complementary Metal-Oxide Semiconductor (Feldeffekt-Transistor/field effect transistor)
CMP	Chemical-Mechanical Polishing
CMP	Condensed Matter Physics
CMPB	Centre Molecular Physiology of the Brain, DFG Forschungszentrum Molekularphysiologie des Gehirns (Göttingen, DE, seit/since 2002)
CMR	Center for Materials Research
CMR	Colossal Magnetoresistance
CMRR	Common-Mode Rejection Ratio
CMRS	Climate Modelling and Research System
CMS	Cambridge Materials Selector [Database] (UK)
CMS	Cepstral Mean Subtraction (Sprachbearbeitung/speech processing)
CMS	Cluster Management System (Telekommunikation/telecommunication)
CMS	Compact Muon Solenoid (detector, LHC, CERN)
CMS	Condensed Matter Science
CMS	Condition Monitoring System
CMS	Content-Management System (Wissensmanagement)
CMS	Corporate Mobile Server (Telekommunikation/telecommunication)
CMSE	Computational Math Science and Engineering (Michigan State University, USA)
CM/SM	Communication/Service Module (Satellitentechnik/satellite technology)
CMSP	Condensed Matter & Statistical Physics (at ICTP, Trieste, IT)
CMST	Center for Marine Science and Technology (Perth, WA, AUS)
CMSU	Central Missouri State University (USA)
CMT	Condensed Matter Theory
CMT	Condition Monitoring System
CMT	Construction Materials Testing
CMT	Criticality Management Tool
CMTS	Cable Modem Termination System (Telekommunikation/telecommunication)
CMU	Carnegie Mellon University (Pittsburgh, PA, USA)
CMUT	Capacitive Micromachined Ultrasonic Transducer
CMYK	Cyan, Magenta, Yellow, Black (Bildverarbeitung/picture processing)
C/N	Carrier-to-Noise [Ratio]
CN	Core Network (Telekommunikation/telecommunication)
CN	Volksrepublik China/Peoples Republic of China (ISO 3166)
CNAM	Center for Nanophysics and Advanced Materials (UMD)
CNAM	Conservatoire National des Arts et Metiers (Paris, FR)
CNC	Colloidal Nanocrystal Cluster
CNC	Comisión Nacional de Comunicaciones (AR) (Telekommunikation/telecommunication)
CNC	Computer[ized] Numerical Control (Werkzeugmaschinen/machine tools)
CN/CS	Core Network/Circuit Switched (Telekommunikation/telecommunication)
CNEL	Community Noise Equivalent Level
CNES	Centre National d'Etudes Spatiales (FR)
CNET	Centre National d'Etudes des Télécommunications
CNIL	Commission Nationale de l'Information et des Libertés
CNIO	Centro Nacional de Investigaciones Oncológicas [Spanish National Cancer Research Centre] (Madrid, ES)
CNM	Center for Nanoscale Materials (Argonne National Laboratory, USA)
CNM	Customer Network Management (Telekommunikation/telecommunication)
CNMPB	Zentrum für Mikroskopie im Nanometerbereich und Molekularphysiologie des Gehirns (Göttingen, seit November 2012)
CNMS	Center for Nanophase Materials Science (ORNL)
CNOT	Conditioned NOT (logisches Gatter/logical gate)
CNP	Center for Neutrino Physics (Virginia Tech Department of Physics, USA)
CNPIEC	China National Publications Import and Export Group Corporation
CNPq	Conselho Nacional de Desenvolvimento Científico e Tecnológico (BR)
CNR	Carrier-to-Noise Ratio
CNR	Community Noise Rating
CNR	Consiglio Nazionale delle Ricerche (IT)
CNR	National Research Council (CA)
CNRM	Centre National de Recherches Météorologiques (Toulouse, FR)
CNRRRI	China National Rice Research Institute
CNRS	Centre National de la Recherche Scientifique (FR)
CNS	Central Nervous System
CNS	Centre National d'Etudes Spatiales (FR)
CNS	Centro Nacional de Supercomputación (Barcelona, ES)
CNS	Communication, Navigation, Surveillance
CNS	Conseil National de la Science (FR)
CNS	Cosmological Natural Selection
CNSA	Chinese National Space Administration
CNSI	California Nanosystems Institute (UCSB and UCLA, CA, USA)
CNST	Center for Nanoscale Science & Technology (NIST)
CNT	Carbon Nanotube, Kohlenstoff-Nanoröhrchen
CNT	[Fraunhofer] Zentrum für Nanoelektronische Technologien (Dresden)
CNV	Choroidale Neovaskularisation (Augenkrankheit/eye disease)
CO	Central Office (Rechnernetze/computer networks)
CO	Colorado (US-Staat/US state)
CO	Connection-Oriented (Internet)

CO	Kolumbien/Colombia (ISO 3166)
CoA	Certificate of Analysis
CoA	Core of Address (Telekommunikation/telecommunication)
Coadec	Coalition for a Digital Economy (scientific publishing)
COAF	Charity Open Access Fund
COAR	Confederation of Open Access Repositories
COASP	Conference on Open Access Scholarly Publishing
COB	Chip-On-Board
COBE	Cosmic Background Explorer (Satellit/satellite)
COBOL	Common Business-Oriented Language (Programmiersprache/programming language)
CoBRA	Computerized Bibliographic Record Actions
COC	Chain of Custody
CoC	Council on Competitiveness (USA)
COCOM	Coordinating Committee for Multilateral Export Controls
COCOSDA	International Coordinating Committee on Speech Databases and Speech I/O Systems Assessment
COD	Catastrophical Optical Damage
COD	Chemical Oxygen Demand
CODAC	Cosmic Dust Aggregation Experiment
CoDAS	Condensed Matter Direct Alerting Service (Datenbank/data bank)
CODATA	Committee on Data for Science and Technology (seit/since 1966)
Codec	Coder-Decoder
CODEST	Committee for the Development of European Science and Technology
CoDIS	Combined DNA Index System (zur Überführung von Kriminellen/for the conviction of criminals, USA)
CoDIT	[IEEE International Conference on] Control, Decision and Information Technologies
COE	Center of Excellence
COEHC	Coalition on Effective Hearing Conservation (USA)
COF	Columbus Orbit Facility (Weltraumlabor/space laboratory)
COFDM	Coded Orthogonal Frequency Division Multiplex(ing)
COFRET	Carbon Footprint of Freight Transport (EU project)
COFS	Control of Flexible Structures Program (NASA)
COGA	Collaborative Study on the Genetics of Alcoholism (USA)
COGANGS	Comparative Genomics and Next Generation Sequencing
CoGeNT	Coherent Germanium Neutrino Technology
COGNAC	Comparing Orders of Genes Using Novel Algorithms and High-Performance Computers (drug development)
COGR	Council on Governmental Relations (USA)
COGS	Cost of Goods Sold
COHERENCE	Cooperativity in Highly Excited Rydberg Ensembles – Control and Entanglement (EU project)
COICH	Channel Quality Indicator Channel (Telekommunikation/telecommunication)
COIL	Chemical Oxygen-Iodine Laser
COL	Construction and Operating License
COLCIENCIAS	Instituto Colombiano para el Desarrollo de la Ciencia y la Tecnología (CO)
COLD	Cryogenic Optical Localization in Three Dimensions
COLTRIMS	Cold Target Recoil Momentum Spectroscopy
CoM	Center of Mass
com	[Commercial Organization] (Internet, USA)
COM	Committee on Minorities in Physics (APS)
COM	Component (or: Common) Object Model
COM	[Dateinamenerweiterung: ausführbares Programm/file name extension: executable program]
COMBO	Classifying Objects by Medium-Band Observations
COMD	Catastrophical Optical Mirror Damage
COMEDD	[Fraunhofer-] Center for Organic Materials and Electronic Devices Dresden (am/at the IPMS)
CoMet	Carbon Dioxide and Methane Mission for HALO (DLR project)
COMET	C++ OSI Management Extended Toolchain
COMETT	Community Program for Education and Training in Technology
COMEX	Commence Exercise (underwater noise monitoring standard)
COMICS	Cooled Mid-Infrared Camera and Spectrograph
COMIQ	Cold Molecular Ions at the Quantum Limit (European research network)
CoML	Census of Marine Life Initiative
COMPASS	Common Muon Proton Apparatus for Structure and Spectroscopy (CERN)
COMPENDEX	Computerized Engineering Index (Datenbank/data bank)
COMPETES	Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science (USA)
COMPLEX	Committee on Planetary and Lunar Exploration (National Research Council, USA)
COMPOSITE	Comparative Police Studies in the EU
COMPRES	Consortium for Material Properties Research in Earth Sciences (University of Illinois at Urbana-Champaign, USA)
COMPTECH	Consortium for Material Properties Research in Earth Sciences Technology Center (at Argonne National Laboratory, USA)
COMPTEL	Imaging Compton Telescope
COMSAT	Communications Satellite Corporation (USA)
COMSEC	Communication(s) Security
COMSTECH	Committee on Scientific and Technical Cooperation
COMT	Catechol-O-Methyltransferase (Genetik/genetics)
CONAE	Comision Nacional de Actividades Espaciales (Argentina)
CONACYT	Consejo Nacional de Ciencia y Tecnología (MX)
ConCap	Constant Capacitance (Sensorik-Verfahren/sensoric method)
CONCERT	Conrtial and Cirrus Experiment (DLR project)
CONICET	Consejo Nacional de Investigaciones Cientificas Técnicas (AR)
CONICYT	Comisión Nacional de Investigación Científica y Tecnológica (Chile)
CONIN	Cooperadora para la Nutrición Infantil (Koooperation für Kinderernährung, Peru)
CONNFESSIT	Calculation of Non-Newtonian Flow: Finite Elements and Stochastic Simulation Technique

CONSIST	Comparison of Conservation Materials and Strategies for Sustainable Exploitation of Immovable Industrial Heritage Made of Iron and Steel
CONTRAIL	Comprehensive Observation Network for Trace Gases by Airliner
COO	Chief Operating Officer
COOMET	[Euro-Asian] Cooperation of National Meteorological Institutions
COORETEC	Kohlendioxid-Reduktions-Technologien (Kraftwerksforschungsprogramm des BMWi/German power plant research program)
COP	Chronisch obstruktive Lungenerkrankung
COP	Coefficient of Performance
COP	Colonizing Opportunistic Pathogens
COPASI	Complex Pathway Simulator
COPD	Chronic Obstructive Pulmonary Disease [Chronisch obstruktive Lungenerkrankung]
COPS	Common Open Policy Service (Telekommunikation/telecommunication)
COPS	Convective and Orographically-induced Precipitation Study (Meteorologie/meteorology)
COPUOS	Committee on the Peaceful Uses of Outer Space (UNO)
CoQuS	[Vienna Doctoral Program on] Complex Quantum Systems (AT)
COR	Cellular Open Resource
Coral	Collaboration of Oak Ridge, Argonne, and Lawrence Livermore (on supercomputing)
CORALUS	Corrosion of Alpha-Active Glass in Underground Storage Conditions (for nuclear waste)
CORBA	Common Object Request Broker Architecture (Telekommunikation/telecommunication)
CORDIS	Community Research and Development Information Service (EU)
CORINF	Correlated Multielectron Dynamics in Intense Light Fields (EU project)
CoRoT	Convection, Rotation and Planetary Transit (French satellite)
CORSAIR	Coprocessor RSA in a Rush
CORVETTE	Coordination and Validation of the Development of Advanced Transport Telematic Systems in the Alpine Area
COS	Carbon oxysulphide
COS	Centre for Open Science
CoS	Class(es) of Service(s)
COS	College of Optical Sciences (University of Arizona, USA)
COS	Core Operation Server (Telekommunikation/telecommunication)
COSEPUP	Committee on Science, Engineering, and Public Policy (National Academy, USA)
COSI	Center of Science and Industry (Columbus, OH, USA)
COSINE	Cooperation for Open Systems Interconnection in Europe
CoSMIC	Combinatorial Sciences and Materials Information Collaboratory
COSMO-ART	Consortium for Small Scale Modelling – Aerosols and Reactive Trace Gases
COSMO-CLM	Consortium for Small Scale Modelling – Climate Mode
COSMOS	Cosmic Evolution Survey (Astrophysik/astrophysics)
COSPA	Collection of Stratospheric Aerosol Particles (DLR project)
COSPAR	Committee on Space Research
COST	[European] Cooperation in Science and Technology (ESF), Coopération Européenne dans la domaine de la recherche scientifique et technique
COSTECH	[Tanzania] Commission for Science and Technology
COSTEP	Comprehensive Suprathermal and Energetic Particle (an Bord von/aboard SOHO)
COSY	Cooler Synchrotron (Jülich, DE)
COSY	Correlation Spectroscopy
COTS	Components (or: Commercial, or: Commodity, or: Configurable) Off-The-Shelf (hardware or software)
COUPP	Chicagoland Observatory for Underground Particle Physics (neuartige Blasenkammer/novel bubble chamber, USA)
COV	Calculus of Variation
COVER	Covariance Equivalent Realization
CoW	Correlates of War (database on war)
COX	Cyclo-Oxygenase (ein Enzym/an enzyme)
CO <sub>2</sub> RRECT	CO <sub>2</sub> -Reaction Using Regenerative Energies and Catalytic Technologies
CP	Charge-Parity (symmetry)
CP	Conference Proceedings (NASA etc.)
CP	Connection Performer
CP	Content Provider (Telekommunikation/telecommunication)
CP	Contention Period (Telekommunikation/telecommunication)
CP	Customer Premises (Rechnernetz/computer network)
CP	Cyclic Prefix
CPA	Closest Point of Approach (ocean acoustics)
CPA	Coherent Perfect Absorber (optics, "antilaser")
CPA	Chirped Pulse Amplification (or: Amplifier) (optische Pulskompression/optical pulse compression)
CPACS	Common Parametric Aircraft Configuration Scheme
CPAN	Comprehensive Perl Archive Network
CPB	Constant Percentage Bandwidth (Spektralanalyse/frequency analysis)
CPB	Cooper-Pair Box (Supraleitung/superconductivity)
CPC	Central Processing Center (Galileo)
CPC	Collaborative Product Commerce
CPC	Compound Parabolic Concentrator (optische Linsen/optical lenses)
CPC	Comprehensive Pneumology Center (München, DE)
CPC	Continuous Packet Connectivity
CPC	Cooperative Patent Classification
CPCB	Central Pollution Control Board (Umweltbehörde in Indien/environmental authority in India)
CPCM	Mission Planning Control Center (Satellitensystem/satellite system)
CPCT	Center for Photoinduced Charge Transfer (Rochester, NY, USA)
CPD	Committee on the Present Danger
CPD	Continuous Professional Development
CPDD	Clinical Pharmacology in Drug Development (Journal)

CPDLC	Controller Pilot Data Link Communication (Telekommunikation/telecommunication)
CPE	Common Phase Error (Telekommunikation/telecommunication)
CPE	Customer Premise(s) Equipment (Internet)
CPERI	Chemical Process Engineering Research Institute (at CERTH, GR)
CPG	Computational Physics Group (EPS)
CPhA	Canadian Pharmacists Association
CPHY	Control Interface for Physical Layer (Telekommunikation/telecommunication)
CPI	Consumer Products Inventory
CPI	Continuous Process Improvement
CPICH	Common Pilot Channel (Telekommunikation/telecommunication)
CPJ	Canadian Pharmacists Journal
CPL	Call Processing Language (Telekommunikation/telecommunication)
CPL	Circularly Polarized Light
CPLD	Complex Programmable Logic Device
CPM	Cathode Pulse Memory
CPMG	[Herman] Carr, [Edward] Purcell, [Saul] Meiboom, [David] Gill (NMR pioneers)
CPMQ	Control Processor Module Queuing (Telekommunikation/telecommunication)
CPN	Customer Premises Network (Rechnernetz/computer network)
CPO	Coherent Population Oscillation (solid state physics)
CPP	Cell-Penetrating Peptide
CPP	Channel Plasmon Polariton (elektromagnetische Grenzflächenwellen/electromagnetic boundary layer waves)
CPP	Clean Power Plan
CPP	Current-Perpendicular-to-Plane (Festkörperphysik/solid state physics)
CPPM	Centre for Photonics and Photonic Materials (University of Bath, UK)
CPR	Cardiopulmonary Resuscitation (medicine)
CPRI	Common Public Radio Interface (Mobilfunk-Standard)
CPRIT	Cancer Prevention and Research Institute of Texas
CPRM	Copy Protection for Recordable Media (Telekommunikation/telecommunication)
CPS	Carte de Professionel de Santé
CPS	Chinese Physical Society
CPS	Concentrated Solar Power
CPS	Cyberphysical System, Cyber-Physisches System
CPS	The Czech Physial Society
CPSA	Copy Protection System Architecture (Telekommunikation/telecommunication)
CPT	Charge, Parity, Time (Invarianz gegen ...umkehr/invariance against ... reversal)
CPT	Clinical Pharmacology & Therapeutics (open-access journal)
CPTES	Center for Phononics and Thermal Energy Science (Tongji University, Shanghai, CN)
CPTWG	Copy Protection Technical Working Group (Telekommunikation/telecommunication)
CPU	Central Processing Unit (Computer)
CPV	Concentrator (or: Concentrated) Photovoltaic(s)
CPV	[International] Conference on Concentrator Photovoltaics
CPV	Continous Process Verification
CPVS	Central Payload Video System
CPX	Close Proximity Method (Fahrzeug-Lärmesstechnik/vehicle noise measurement)
CPX	Control Panel Extension
CQB	Center for Quantitative Biology (Peking University, CN)
CQI	Center for Quantum Information (IIIS, Tsinghua University, CN)
CQI	Channel Quality Indicator (or: Indication) (Telekommunikation/telecommunication)
CQIQC	Centre for Quantum Information and Quantum Control (University of Toronto, ON, CA)
CQM	Constituent Quark Model
CR	Cell Relay (Telekommunikation/telecommunication)
CR	Cosmic Ray(s)
CR	Costa Rica (ISO 3166)
CRAC	Computer Room Air Conditioning
CRADA	Cooperative Research and Development Agreement (or: Award) [with private companies] (USA, staatl. Förderungsprogramm)
CRAFT	Cooperative Research Action For Technology (EU)
CRAH	Computer Room Air Handlers
CRAHVI	Crashworthyness of Aircraft for High Velocity Impact
C-RAM	Counter-Rocket Artillery and Mortar
CRB	Cramér-Rao Bound
CRBT	Color Ring Back Tone (Telekommunikation/telecommunication)
CRC	Clinical Research Center
CRC	Collaborative Research Centre (DFG)
CRC	Corporate Research Center
CRC	Courant Research Centre
CRC	Cyclic Redundancy Check (Telekommunikation/telecommunication)
CRC-ACS	Cooperative Research Centre for Advanced Composite Structures (Australia)
CRCG	[Fraunhofer-] Center for Research in Computer Graphics (Providence, RI, USA)
CRD	Color Rendering Dictionary (Bildverarbeitung/picture processing)
CRDA	Cooperative Research and Development Agreement
CRDF	Civilian Research and Development Foundation (USA)
CRDS	Cavity Ring-Down Spectroscopy
CREAL	Centre for Research in Environmental Epidemiology (Barcelona, ES)
CREATIV	Creative Research Awards for Transformative Interdisciplinary Ventures (NSF, USA)
CREDO	Cluster of Research on Endocrine Disruption in Europe
CRENEL	Commission to Review the Effectiveness of the National Energy Laboratories (USA)

CREO	CO <sub>2</sub> Reduction through Estimation Optimisation
CREOL	College of Optics and Photonics and Center for Research and Education in Optics and Lasers (UCF)
CRESST	Cryogenic Rare Event Search with Superconducting Thermometers
CREST	Center for Research in Extreme Scale Technologies
CREST	Comité de la Recherche Scientifique et Technique (EU)
CREST	Core Research for Evolutional Science and Technology (Japan)
CRESTA	Collaborative Research into Exascale Systemware, Tools and Applications (at EPCC)
CREW	Center for Research in Economics and Well-Being (Univesität Basel, CH)
CRF	Centro Ricerche Fiat (in Italy)
CRF	Corticotropin-Releasing Factor (ein Hormon/a hormone)
CRG	Center for Genomic Regulation (Barcelona, ES)
CRG	Collaborating Research Group
CRH	Corticotropin-(or: Cortisol-)Releasing Hormone
CRI	Colour-Rendering Index
CRIM	Centre de Recherche en Informatique de Montréal (CA)
CRIMSON	Crisis Management Simulation (Software package, 6 partners in 4 countries: EE, FR, IT, NL)
CRIS	Center for Research on Innovation and Society (Santa Barbara, CA, USA, und/and Berlin, DE)
CRIS	Current Research Information System
CRISM	Compact Reconnaissance Imaging Spectrometer for Mars
CRISP	Center for Research on Interface Structure and Phenomena (Yale, USA)
CRISP	Cluster of Research Infrastructures for Synergies in Physics
CRISP	Coarse-Grained Reconfigurable Instruction Set Processor (Computer)
CRISP	Corrected Illumination Scanning Probe (im Transmissionselektronenmikroskop/in an transmission electron microscope)
CRISP	Counter Rotating Integrated Shrouded Propfan (DLR-Projekt)
CRISPR	Clustered Regularly Interspaced Short Palindromic Repeats (Bakterien-Genetik/genetics of bacteria)
CRIStin	Current Research Information System in Norway
CRL	Certificate Revocation List (Telekommunikation/telecommunication)
C.R.L.	Companhia ein Responsabilidao Limitada (PT, ES)
CRLB	Cramér-Rao Lower Bound
CRM	Certified Reference Material
CRM	Common Research Model (NASA aircraft)
CRM	Contract Research Manager
CRM	Customer Relations (or: Relationship) Management (Telekommunikation/telecommunication)
CRN	Committee of a Regulatory Nature (EU)
CRNC	Controlling Radio Network Controller (Telekommunikation/telecommunication)
CRO	Clinical Research Organisation
CRO	Contract Research Organization
CroBIT	Cross Border Information Technology
C.R.O.P., CROP	Combined Regenerative Organic Food Production (DLR Köln, Lebenserhaltungssystem)
CROR	Counter Rotative Open Rotor (Flugzeugantrieb/aircraft propeller)
CRP	C-reaktives Protein, Cyclic-AMP Receptor Protein (AMP: Adenosine Monophosphate)
CRPL	Central Radio Propagation Laboratory (1946)
CRR	Cooperative Research Report
CRS	Common Reflection Surface (geological survey)
CRS	Complementary Resistive Switch
CRSQA	Council for Refractive Surgery Quality Assurance (Augenchirurgie/eye surgery, USA)
CRT	Cathode Ray Tube
CRT	Conformal Radio Therapy
CRT	Cosmic-Ray-Tracking Project
CRTD	Center for Regenerative Therapies Dresden (DE)
CRU	Climatic Research Unit (University of East Anglia (UK) et al.)
CRuSR	Commercial Reusable Suborbital Research (NASA program)
CRV	Crew Return Vehicle (Raumfahrt/spacecraft)
CR/W	Controller Read/Write
CRYRING	Cryebis Storage Ring (Stockholm, SE)
CS	Call Server (Telekommunikation/telecommunication)
CS	Central Secretariat (NIST)
CS	Circuit-Switched (Telekommunikation/telecommunication)
CS	Commercial Services (Galileo)
CS	Communications Satellite
CS	Serbien und Montenegro/Serbia and Montenegro (ISO 3166)
CS	Tschechoslowakei/Czechoslovakia (ISO 3166 bis/until 1993)
CSA	Canadian Space Agency
CSA	Canadian Standards Association
CSA	Carrier Serving Area (Telekommunikation/telecommunication)
CSA	Cryogenic Society of America
CSAC	Chip Scale Atomic Clock
CSAGI	Comité Spécial de l'Année Géophysique Internationale
CSAIL	Computer Science and Artificial Intelligence Laboratory (MIT)
CSAR	Cryogenic Solar Absolute Radiometer
CSB	Center for Systems Biology at Dresden (DE)
CSB	Centrum für Schlaganfall-Forschung Berlin (DE)
CSB	Charge Symmetry Breaking (Elementarteilchenphysik/elementary particle physics)
CSBD	Center of Systems Biology at Dresden (DE)
CSBU	Communication Services Business Unit (Telekommunikation/telecommunication)
CSC	Call and Session Controller (Telekommunikation/telecommunication)
CSC	Center for Scientific Computing
CSC	China Scholarsip Council

CSCC	Concurrent Supercomputing Consortium (USA)
CSCF	Call State (or: Session) Control Function (Telekommunikation/telecommunication)
CSCL	Computer-Supported Cooperative (or: Collaborative) Learning
CSCS	Center for the Study of Complex Systems (University of Michigan, USA)
CSCS/SCSC	Swiss Centre for Scientific Computing (supercomputing centre)
CSCW	Computer Supported Cooperative (or: Collaborative) Work(ing)
CSD	Cambridge Structural Database (Chemie/chemistry)
CSD	Chemical Solution Deposition
CSD	Christopher Street Day
CSD	Circuit Switched Data (Telekommunikation/telecommunication)
CSDP	Customer Specific Development Process
CSE	[Fraunhofer-] Center for Sustainable Energy Systems (Cambridge, MA, USA)
CSE, CS&E	Computational Science and Engineering
CSE	Council of Science Editors
CSE	Critical Systems Engineering (DLR project)
CSE	Cystathionin-gamma-Lyase (ein Enzym)
CSEG	Canadian Society of Exploration Geophysicists
CSELT	Centro studi e laboratori telecomunicazioni (IT)
CSEM	Centre Suisse d'Electronique et de Microtechnique (Zürich, CH)
CSF	Carribean Science Foundation
CSF	Colony Stimulatingf Factor (a protein)
CSF	Compagnie Générale de Télégraphie Sans Fil
CSG	Centre Spatial Guyanais (Europäischer Weltraumbahnhof, Kourou, GY)
CSI	Channel State Information (Telekommunikation/telecommunication)
CSI	Control-Structure Interaction
CSIR	Council for Scientific and Industrial Research (Stellenbosch, Südafrika/South Africa)
CSIRO	Commonwealth Scientific and Industrial Research Organisation (Canberra, AU)
CSIS	Center for Strategic and International Studies (Washington, DC, USA)
CSL	Chemical Safety Library
CSLI	Center for the Study of Language and Information (Stanford, CA, USA)
CSLP	[Fraunhofer-] Center for Surface and Laser Processing (Peoria, IL, USA)
CSM	Central Strength Member (Rechnernetz/computer network)
CSM	Communication Session Manager
CSM	Component and Supplier Management
CSM	Connection Session Management
CSM	Customer Service Management (Telekommunikation/telecommunication)
CSMA/CA	Carrier Sense Multiple Access/Collision Avoidance (Datennetze/data networks)
CSMA/CD	Carrier Sense Multiple Access/Collision Detection (Datennetze/data networks)
CSMBP	Center for Soft Matter and Biological Physics (Virginia Tech)
CSME	College of Science and Education (University of Utah, USA)
CSN	Circuit Switched Network (Telekommunikation/telecommunication)
CSNS	China Spallation Neutron Source (geplant für/planned for 2013)
CSO	Chief Scientific Officer
CSO	Composite Second Order (Verzerrung 2. Ordnung/second order distortion)
CSP	Center for the Study of the Presidency (USA)
CSP	[Fraunhofer-] Center für Silizium-Photovoltaik (Halle/Saale)
CSP	Charge Sensitive Preamplifier
CSP	Chip-Scale Package (gedruckte Schaltung/printed circuit)
CSP	Concentrated (or: Concentrating) Solar Power (Kraftwerk, Parabolspiegelsystem/power plant, parabolic mirror facilities)
CSP	Constraint Satisfaction Problem
CSPF	Constraint Shortest Path First (Telekommunikation/telecommunication)
CSPI	Center for Science in the Public Interest (Washington, DC, USA)
CSR	Cell Switch Router (Telekommunikation/telecommunication)
CSR	Corporate Social Responsibility
CSR	Customer Service Representatives (Telekommunikation/telecommunication)
CSRC	Computational Science Research Center (University of Beijing, CN)
CSRZ	Carrier-Suppressed Return-to-Zero (optische Telekommunikation/optical telecommunication)
CSS	Cascading Style Sheets (zur Programmierung von Webseiten)
CSS	Catalina Sky Survey (astronomy)
CSS	Committee of Soviet Scientists [for the Defense of Peace Against the Nuclear Threat]
CSS	Content Scramble (or: Scrambling) System (Verschlüsselungssystem)
CSS	Cyclic Steam Stimulation (Ölsanderschließung/oilsand exploration)
CSSME	Center for Secondary Science and Math Education (Northern Illinois University, USA)
CST	Concentrated Solar Thermal (Kraftwerk/power plant)
CSTA	Computer Supported Telecommunication(s) (or: Telephony) Application (Telekommunikation/telecommunication)
CSTAR	Chinese Small Telescope Array (in Antarctica)
CSTI	Civil Space Technology Initiative (NASA)
CSTN	Colour Super-Twisted Nematic (LCD)
CSTR	Center for Solar–Terrestrial Research (NJIT)
CSTR	Centre for Speech Technology Research (University of Edinburgh, UK)
CSU	Colorado State University (USA)
CSUDH	California Sate University Dominguez Hills
CSULB	California State University Long Beach (USA)
CSUN	California State University Northridge (USA)
CSV	Comma Separated Value
CSVE	Chinese Society for Vibration Engineering
CSW	Core Switch
CSWP	Committee on the Status of Women in Physics (APS)

CT	Colour Temperature
CT	Computed Tomography, Computer-Tomographie (Röntgentechnik/X-ray technology)
CT	Connecticut (US-Staat/US state)
CT	Cordless Telecommunications
CT	Court (US Mail)
CTA	Chemisch-technische(r) Assistent(in)
CTA	Cherenkov Telescope Array
CTAN	Comprehensive TeX Archive Network
CTB	Composite Triple Beat (Verzerrung 3. Ordnung/third order distortion)
CTBT	Comprehensive Test Ban Treaty (Atomwaffenteststoppvertrag 1996)
CTBTO	Comprehensive Test Ban Treaty Organisation (Wien, AT)
CTC	Central Traffic Control (Eisenbahntechnik/railway technology)
CTC	Circulating Tumor Cell
CTC	Convolutional Turbo Code (Telekommunikation/telecommunication)
CTC	Crew Training Complex (DLR, Köln, Porz-Wahnheide, DE)
CTCSS	Continuous Tone Coded Squelsh System (Mobilfunk/mobile radio)
CTD	Coated (optische Linsen/optical lenses)
CTE	Coefficient of Thermal Expansion
CTEPH	chronisch-thrombo-embolischer Lungenhochdruck
CTH	Chalmers Tekniska Högskola (Göteborg, SE)
CTI	Colour Transient Improvement (Konturverbesserung beim TV-Bild/TV picture contour improvement)
CTI	Computer-Telephony Integration (Telekommunikation/telecommunication)
CTI	Computer Telephony Interface (Telekommunikation/telecommunication)
CTI	Critical Technologies Institute (USA)
CTIA	Cellular Telecommunications Industry Association
CTIA	Charge Trans-Impedance Amplifier
CTIM	Continuous-Flow Time-Integrated Method (road noise measurement)
CTIO	Cerro Tololo Inter-American Observatory (La Serena, Chile)
CTIR	Center for Intelligent Transportation Research (Ohio State University, USA)
CTL	Coal to Liquid (synthetischer Kraftstoff/synthetic fuel)
CTL	Community Tolerance Level
CTL	Continuously Tunable Laser
CTMS	Clinical Trial Management System
CTO	Chief Technical Officer
CTO	Command Transfer Object
CTO	Configure to Order
CTP	Computer-to-Plate, Computer-to-Press, Computer-to-Paper (Drucktechnik/printing technology)
CTP	Cytisintriphosphat
CTR	Center (US Mail)
CTR	Common Technical Regulation(s)
CTR	Cooperative Threat Reduction
CTRANC	Crosstalk-Resistant Adaptive Noise Canceller
CTRW	Continuos-Time Random Walk (diffusion model)
CTS	Clear to Send (Telekommunikation/telecommunication)
CTS	Compliance Test Specification
CTS	Concept to Speech (Sprachsynthese/speech synthesis)
CTSEE	[Komitee für Toxikologie, Ökotoxikologie und Umwelt] (Europäische Kommission)
CTU	Control Tower Unit
CTU	Czech Technical University (Prague)
CTV	Crew Transfer (or: Transport) Vehicle (Raumfahrt/spacecraft)
CTW	[IEEE] Communication Theory Workshop
CTWG	Cook Stove Interagency Working Group
CU	Central Unit
CU	Control Unit
CU	Kuba/Cuba (ISO 3166)
CUA	Center for Ultracold Atoms (MIT-Harvard University program, USA)
cuagn	hope to see you again (Amateurfunkverkehr/amateur radio)
CUAHSI	Consortium of Universities for the Advancement of Hydrologic Science (USA)
CUBED	Center for Ultralow Background Experiments at DUSEL
CUDOS	Centre for Ultra-High Bandwidth Devices for Optical Systems (AU)
CUDWR	Columbia University Division of War Research (New London, CT, USA, established 1941)
CUE	Carbon Usage Effectiveness
CUF	Channel Utilization Factor
CUFCT	Cooper Union Federation of College Teachers (New York City, USA)
CUG	Closed User Group (Telekommunikation/telecommunication)
CUHK	Chinese University of Hong Kong
CUI	Centre for Ultrafast Imaging (University of Hamburg, DE)
CUL	Computer-unterstütztes Lernen
CUMC	Columbia University Medical Center (New York, USA)
CUNY	City University of New York
CUORE	Cryogenic Underground Observatory for Rare Events (Gran Sasso National Laboratory, Italy)
CUP	Cambridge University Press
CUP	Center for Underground Physics (Daejeon, KR)
CUPLE	Comprehensive Unified Physics Learning Environment
CUR	Council for Undergraduate Research
CUSP	Center for Urban Science and Progress (NYU)
Cuspea	China-US Physics Examination and Application Program
CUTCP	Clarkson University-TCP (Rechnernetz/computer network)

CUTE	Clarkson University Terminal Emulator (Rechnernetz/computer network)
CUTE	Clean Urban Transport for Europe (Busse mit Wasserstoffantrieb/hydrogen-powered buses)
CUWiP	Conference for Undergraduate Women in Physics
CV	Card Verifiable
CV	Cartellverband [der Katholischen Deutschen Studentenverbindungen]
CV	Connection Verification (Telekommunikation/telecommunication)
CV	Kapverdische Inseln/Cape Verde (ISO 3166)
CVA	Credit Value Adjustment (Bankgeschäfte)
CVC	Common Vision Concept
CVCP	Committee of Vice-Chancellors and Principals (UK)
CVD	Cardio-Vascular Disease, Kardiovaskuläre Erkrankung
CVD	Chemical Vapor Deposition
CVE	Collaborative Virtual Environment
CVI	chronisch-venöse Insuffizienz
C-VLAN	Customer VLAN (Telekommunikation/telecommunication)
CVM	Control Volume Meshing
CVSD	Continuously Variable Slope Delta (modulation)
CVT	Continuously Variable Transmission (Kfz-Getriebe/vehicle gear)
CVVL	Continuous Variable Valve Lift (Kfz-Motor/automotive Engine)
CW	Clockwise
CW	Continuous Wave
CWD	Concealed Weapon Detection (USA)
CWDM	Coarse Wavelength Division Multiplexing (Telekommunikation/telecommunication)
CWMT	[Fraunhofer-] Center für Windenergie und Meerestechnik (Bremerhaven)
CWRU	Case Western Reserve University (Cleveland, OH, USA)
CWP	Controller Working Position (Flugsicherung/flight control)
CWU	Central Washington University (USA)
CWÜ	Chemiewaffenübereinkommen (1997, 65 Mitgliedsstaaten)
CX	Weihnachtsinsel/Christmas Island (ISO 3166)
CXC	Chandra X-Ray Center (NASA, USA)
CXO	Chandra X-Ray Observatory (Röntgensatellit/X-ray satellite)
CY	Zypern/Cyprus (ISO 3166)
CYCA	Chinese Youth Conference on Acoustics
CZ	Convergence Zone (Sonarortung/sonar ranging)
CZ	Tschechien/Czech Republik (ISO 3166)
CZCS	Coastal Zone Color Scanning (of the ocean)
CZM	Cohesive Zone Method
CZT	Chirp z-Transform
C <sup>2</sup> A <sup>2</sup> S <sup>2</sup> E	Center for Computer Applications in Aerospace Science and Engineering (DLR, Braunschweig, DE)
C2B	Customer-to-Business
C2C	Customer-to-Customer
C2ES	Center for Climate and Energy Solutions
C3	Command, Control and Communication (System)
C <sup>3</sup>	Cleaved-Coupled Cavity (Laser)
C <sup>3</sup> I	Command, Control, Communications, Intelligence (militärisch/military)

## D

d...	Dezi... (Präfix/prefix): 10 <sup>-1</sup>
da...	Deka... (Präfix/prefix): 10
DA	Destination Address (Telekommunikation/telecommunication)
DA	Domestic Agency
DAAD	Deutscher Akademischer Austauschdienst e.V.
DAAK	Deutsch-Amerikanisches Akademisches Konzil
DAAP	Digital Archiving and Access Program
DAB	Digital Audio Broadcast(ing)
DAC	Deformation Analysis by Means of Correlation Methods
DAC	Digital-to-Analog Converter
DACCIWA	Dynamics-Aerosol-Chemistry-Cloud Interactions in West Africa
DACH	Deutsche Akkreditierungsstelle Chemie GmbH
DADS	Dynamic Analysis and Design System
DAE	Differential Algebraic Equation
DAF	Deutsche Arbeitsfront (NS-Organisation)
DAF	Deutsche Arbeitsgemeinschaft für Familientherapie
DAGA	Deutsche Arbeitsgemeinschaft für Akustik (Kongresse seit 1970, etwa jährlich)
DAGV	Deutsche Arbeitsgemeinschaft Vakuum
DAHC	Deutschsprachiges Apple-Hochschul-Consortium
DAI	Deutsches Archäologisches Institut (Berlin)
DAI	Distributed Artificial Intelligence
DAkKS	Deutsche Akkreditierungsstelle
DAL	Deutscher Arbeitsring für Lärmbekämpfung e.V. (1952–2007)
DALY	Disability-Adjusted Life Year
DAM	Deutsche Akademie für Metrologie (München)
DAMA	Dark Matter [Search] (Astrophysik/astrophysics, Gran Sasso-Labor, IT)
DAMA	Demand Assignment (or: Assigned) Multiple Access (Telekommunikation/telecommunication)
DAMOP	Division of Atomic, Molecular and Optical Physics (APS)
D-AMPS	Digital Advanced Mobile Phone System (Telekommunikation/telecommunication)
DANA	Data Application Network Adapter



DANL	Displayed Average Noise Level (Telekommunikation/telecommunication)
DANTE	Deutschsprachige Anwendervereinigung $\TeX$ e.V.
DANTE	Delivery of Advanced Network Technology to Europe
DAO	Data Access Object
DAP	Deutsches Akkreditierungssystem Prüfwesen (Normungsarbeit/standardization)
DAQ	Data Acquisition
DAR	Deutscher Akkreditierungsrat (Normungsarbeit/standardization)
DAR	Digital Audio Recorder
DARA	Deutsche Agentur für Raumfahrtangelegenheiten GmbH (1989–1997)
DARC	Data Radio Channel
DARC	Deutscher Amateur-Radio-Club e.V. (Baunatal)
DARE	Dark Ages Radio Explorer (Radosatellit, geplant)
DARHT	Dual Axis Radiographic Hydrodynamic (Test Facility at LANL, Los Alamos, NM, USA)
DARP	Downlink Advanced Receiver Performance (Telekommunikation/telecommunication)
DARPA	Defense Advanced Research Projects Agency (USA)
DARS	Digital Audio Radio Service
DART	Data Acquisition in Real Time
DART	Direct Analysis in Real Time
Darwin	Detection and Analysis of Remote Worlds by Interferometric Nulling
DAS	Dansk Akustisk Selskab
DAS	Distributed Antenna Systems (Telekommunikation/telecommunication)
DASCH	Digital Access to a Sky Century at Harvard
DASI	Degree Angular Scale Interferometer
DASMIN	Deutsche Akkreditierungsstelle Mineralöl
DAST	Drones for Aerodynamic and Structural Testing (NASA, unbemannte Flugzeuge/unmanned aircraft)
DAT	Digital Audio Tape
DATE	Dome A Terahertz Explorer (CN, planned for 2015)
DATech	Deutsche Akkreditierungsstelle Technik
DAtF	Deutsches Atomforum
DAU	Data Application Unit
DAVE	Data Analysis and Visualisation of the Environment
DAVE	Definitely Affordable Virtual Environment
DAVIC	Digital Audiovisual Council
DAVO	Dynamic Analog of the Vocal Tract
DAWS	Digital Advanced Wireless Services (Telekommunikation/telecommunication)
DAX	Deutscher Aktienindex
DB	Data Base
dB	Dezibel
DB	Diffusion Boarding
DBA	Dynamic Bandwidth Allocation (Telekommunikation/telecommunication)
DB AG	Deutsche Bahn AG
DBB	Deutscher Beamtenbund
DBC	Dansk Bibliotekscenter
DBEF	Dual Brightness Enhancement Foil (Polarisationsfolie im LCD-Monitor/polarization sheet for LCD monitor)
DBF	[Dateinamenerweiterung: dBase Datenbank-Datei/file name extension: dBase data bank file]
DBF	Distributed Feedback (Laser)
DBG	Deutsche Bunsengesellschaft für Physikalische Chemie
DBI	Deutsches Bibliotheksinstitut (Berlin)
DBIS	Discoveries and Breakthroughs Inside Science (AIP, TV news)
DBM	Deutsches Bergbau-Museum (Bochum)
DBM	Double Beam Modulation
DBMS	Database Management System (Telekommunikation/telecommunication)
DBN	Dynamic Bayesian Network (Sprachverarbeitung/speech processing)
DBO	Distributed Biological Observatory
DBP	Deutsches Bundespatent (nach 1945)
DBP	Division of Biological Physics (APS)
DBR	Distributed Bragg Reflector (Laser)
DBRM	Digital Broadcasting Receivers Using Metadata
DBS	Direct Broadcast(ing) (by) Satellite
DBSO	Digital Broadcast Satellite Operator (Telekommunikation/telecommunication)
DBU	Deutsche Bundesstiftung Umwelt
dbv	Deutscher Bibliothekenverband
DC	Developing Countries
DC	Digital Cinema
DC	Digital Concentrator (Telekommunikation/telecommunication)
DC	Direct Current (Gleichstrom)
DC	District of Columbia (US-Staat/US state)
DC	Dünnschichtchromatographie
D-CAT	Diesel Clean Advanced Technology (Kfz/motor vehicle)
DCB	Data Center Bridging
DCB	Direct Copper Bonding (electronics)
DCC	Dicyclohexylcarbodiimid
DCC	Digital Compact Cassette
DCC	Distributed Checksum Clearing House (Antispamfilter/anti spam filter)
DCCC	Developing Countries Coordinating Committee
DCcE	Data Centre Compute Efficiency
DCD	Downlink Channel Descriptor (Telekommunikation/telecommunication)
DCD	Duty-Cycle Jitter (Telekommunikation/telecommunication)

DCE	Data Circuit-Terminating Equipment (Telekommunikation/telecommunication)
DCE	Data (or: Digital) Communications Equipment
DCE	Distributed Computing Environment
DCE	Dynamic Channel Equalizer (Telekommunikation/telecommunication)
DCF	Dispersion Compensating Fiber (Glasfaser/glass fiber)
DCF	Distributed Coordination Function (Telekommunikation/telecommunication)
DCF	Double-Clad Fibre (Optik/optics)
DCFA	Digital Choice and Freedom Act (2002)
DCG	Dispersion-Compensating Grating (optische Telekommunikation/optical telecommunication)
DCH	Dedicated Channel (Telekommunikation/telecommunication)
DCI	Digital Cinema Initiative
DCI	Downlink Control Information
DCL	Detect, Classify and Locate
DCLC	Direct Contact Liquid Cooling (for HPC)
DCM	Dispersion Compensation Module (optische Telekommunikation/optical telecommunication)
DCM	Dynamic Code Management (Telekommunikation/telecommunication)
DCMP	Division of Condensed Matter Physics (APS)
DCN	Data Communication Network (Telekommunikation/telecommunication)
DCN	Dynamic Circuit Network (Telekommunikation/telecommunication)
DCoD	Data Center on Demand
DCOM	Distributed Component Object Model (Telekommunikation/telecommunication)
DCOMP	Division of Computational Physics (APS)
DCP	Digital Cinema Package
DCP	Division of Chemical Physics (APS)
DCPN	Domestic Customer Premises Network
DCR	Dedicated Control Room (bei/at ESOC)
DCR	Digital Control of Reverberation
DCRAM	Dynamic Computing Random-Access Memory
DCS	Data Communicatinon System (Telekommunikation/telecommunication)
DCS	Decompression Sickness (of divers)
DCS	Digital Coded Sective [Call] (Mobilfunk/mobile radio)
DCS	Digital Content Store
DCS	Digital Crossconnect (or: Communication) System (Telekommunikation/telecommunication)
DCS	Distributed Control System
DCSC	Danish Center for Scientific Computing
DCT	Discovery Channel Telescope
DCT	Discrete Cosine Transform
DCT	Double Clutch Transmission (Kfz-Getriebe/motor vehicle)
DCU	Data Capture Utility
DCV	Deconvolution
DCV	Desktop Cloud Visualisation
DCV	Double concave (optische Linsen/optical lenses)
DCX	Double convex (optische Linsen/optical lenses)
DDA	Demand-Driven Acquisition (of e-books)
DDB	Die Deutsche Digitale Bibliothek
DDB	Download Data Block (Telekommunikation/telecommunication)
DDC	Digital Down Converter (or: Conversion) (Telekommunikation/telecommunication)
DDC	Display Data Channel (Telekommunikation/telecommunication)
DDCE	Dolby Digital Consumer Encoder
DDD	Directly Doubled Diode (Laser)
DDE	Dichlordiphenylchloroethylen (Abbauprodukt von DDT)
DDE	Dynamic Data Exchange
DDEC	Data-Driven Echo Cancellor
DDG	Deutsche Diabetes-Gesellschaft
DDGI	Deutscher Dachverband für Geo-Information
DDI	[Universal] Description Discovery Integration (Telekommunikation/telecommunication)
DDI	Direct Dialing-In (Telefon/telephone)
DDJ	Data-Dependent Jitter (Telekommunikation/telecommunication)
DDK	Dialog Development Kit
ddl	Didesoxyinosin
DDL	Doubled (or: Direct) Diode Laser (blaue Laserdiode/blue laser diode)
DDM	Differential Depth Modulation (Telekommunikation/telecommunication)
DDN	Data Direct Network
DDN	Defense Data Network (USA)
DDoS	Distributed Denial-of-Service (Telekommunikation/telecommunication)
ddp	Deutscher Depeschendienst
DDR	Deutsche Demokratische Republik/German Democratic Republic (bis/until 1990)
DDR	Double Data Rate (5 Gb/s)
DDR&E	Directorate of Defense Research and Engineering (Pentagon, Washington, DC, USA)
DDS	Direct Digital Synthesis (Ein- und Ausgabereinheit/input-output board)
DDS	Direct-Diode System (Photonik/photonics)
DDT	Dichlordiphenyltrichlorethan
DDT	Distributed Debugging Tool
DDV	Deutscher Dachgärtner Verband e.V.
DDV	Deutscher Dart-Verband
DE	Delaware (US-Staat/US state)
DE	Deutschland/Germany (ISO 3166)
DE	Discard Eligibility (Telekommunikation/telecommunication)

DE	Discovery Environment
DEA	dielektrischer Elastomeraktor
DECAF	Density Estimation for Cetaceans from Acoustic Fixed Sensors
DECam	Dark Energy Camera
DECHEMA	Deutsche Gesellschaft für Chemisches Apparatewesen, chemische Technik und Biotechnologie e.V.
DeCSS	Descramble Content Scramble System
DECT	Digital Enhanced (or: European) Cordless Telecommunication (or: Telephony)
DEDAVE	Deep Diving Autonomous Underwater Vehicle for Exploration (FhG)
DEDIG	Deutsche EDI-Gesellschaft e.V.
DEE	Daten-Endeinrichtung (Telekommunikation/telecommunication)
DEEP	Dynamical Exascale Entry Platform (Supercomputer-Entwicklung/supercomputer development)
Defra	Department for Environment, Food and Rural Affairs (UK)
DEGA	Deutsche Gesellschaft für Akustik e.V.
DEGON	Deutsche Gesellschaft für Ortung und Navigation
DEGREE	Diversity Effects in Grassland Ecosystems of Europe
DEGUM	Deutsche Gesellschaft für Ultraschall in der Medizin
DEHP	Diethylhexylphthalat (Weichmacher/plasticizer)
DEI	Deutsches Evangelisches Institut für Altertumswissenschaft des Heiligen Landes (Jerusalem)
DEI	Diffraction-Enhanced Imaging
DEISA	Distributed European Infrastructure for Supercomputing Applications
DEKITZ	Deutsche Koordinierungsstelle für IT-Normenkonformitätsprüfung und -zertifizierung
DELICAT	Demonstration of LIDAR based Clear Air Turbulence Detection
DELIGHT	Delta Information System for Geo-Environmental and Human Habitat Transition (Chinese Yellow-River-Delta, 2013–2016)
DELNET	Developing Library Network
DELT	Dual-Ended Line Testing
DELTA	Dortmunder Elektronen Testspeicherring Anlage
DELTA	Dutch Expedition for Life Science, Technology and Atmospheric Research
DELTIC	Delay Line Time Compressor
DEM	Digital Elevation Model (Satelliten-Fernerkundung/satellite remote surveillance)
DEM	Discrete Element Method
demea	Deutsche Materialeffizienzagentur
DEMMIN	Durable Environmental Multidisciplinary Monitoring Information Network (DLR)
DEMS	Dezentrales Energiemanagementsystem
DENA	Deutsche Energieagentur
DENEFF	Deutsche Unternehmensinitiative Energieeffizienz
DE-NIC	Network Information Center für Deutschland (Karlsruhe, DE)
DENICAFIC	Double-Enhanced Intracavity Frequency Conversion (Laser)
DEOS	Deutsche Orbitale Servicing-Mission
DEP	Department of Environmental Protection
DEP	Dielectrophoretic
DEPFET	Depleted Field Effect Transistor
Depresys	Decadal Climate Prediction System (weather forecast)
DER	Distributed Energy Resources
DERA	Defense Evaluation & Research Agency (MOD, GB)
DES	Dark Energy Survey (project since 2013)
DES	Data Encryption Standard (or: System)
DES	Department of Electrical Science (NPL, UK)
DES	Detached Eddy Simulation (turbulence model)
DES	dielektrischer Elastomersensor
DES	Diethylstilbestrol (Östrogen-Derivat/estrogen derivative)
DESC	Dutch Experiment Support Centre (gravity research)
DeSCAS	Design of Safety-Critical Automotive Systems
DESI	Dark Energy Spectroscopic Instrument
DeSiReH	Design, Simulation and Flight Reynolds Number Testing for Advanced High Lift Solutions (DLR project)
DESY	Deutsches Elektronen-Synchrotron
DESY-HH	DESY in Hamburg
DESY-Z	DESY in Zeuthen
DET	Detection Error Tradeoff (Telekommunikation/telecommunication)
DEUS	Dezentrale urbane Wasserinfrastruktursysteme
DEZ	Diethylzink (-Verfahren zur Papierkonservierung)
DF	Delay Factor
DFA	Deutsche Forschungsanstalt für Lebensmittelchemie (Garching)
DFB	Distributed Feedback (optische Telekommunikation/optical telecommunication, Laser)
DFC	Delayed Feedback Control
DFC	Difference Frequency Comb
DFD	Data Flow Diagram
DFD	Deutsches Fernerkundungsdatenzentrum (DLR, Oberpfaffenhofen)
DFD	Division of Fluid Dynamics (APS)
DFE	Decision Feedback Equalizer (Telekommunikation/telecommunication)
DFE	Digital Front End (Telekommunikation/telecommunication)
DFF	Deutscher Fernsehfunk (ehem./former DDR)
DFG	Deutsche Forschungsgemeinschaft
DFH	Deutsche Forschungsanstalt für Hubschrauber und Vertikalflugtechnik
DFH	Deutsch-Französische Hochschule (Saarbrücken)
DFI	Diabetes-Forschungsinstitut (Düsseldorf)
DFID	Department for International Development (UK)
DFJW	Deutsch-Französisches Jugendwerk
DFKI	Deutsches Forschungszentrum für künstliche Intelligenz (Saarbrücken)

DFL	Deutsche Forschungsanstalt für Luftfahrt (Braunschweig, 1936)
	Deutsche Forschungsanstalt für Luft- und Raumfahrt e.V. (Braunschweig, 1962)
DFM	Design for Manufacturing
DFMA	Design for Manufacturing and Assembly
DFN	Deutsches Forschungsnetz (Datennetz/data network)
DFO	Department of Fisheries and Oceans (CA)
DFS	Dansk Fysisk Selskap
DFS	Deutsche Flugsicherung GmbH
DFS	Deutsche Forschungsanstalt für Segelflug
DFS	Diabetisches Fußsyndrom
DFS	Digital Frequency Synthesizer
DFS	Dynamic Flow Simulator (Telekommunikation/telecommunication)
DFS	Dynamic Frequency Selection (Telekommunikation/telecommunication)
DFT	Density Functional Theory (Kernphysik/nuclear physics)
DFT	Discrete Fourier Transform, diskrete Fouriertransformation
DFTD	Devil Facial Tumor Disease, Beutelteufel-Gesichtstumorerkrankung
DFÜ	Datenfernübertragung
DFVLR	Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt (1969–1989, danach/thereafter: DLR)
DFW	Dallas/Fort Worth International Airport (Texas, USA)
DFWM	Degenerate Four Wave Mixing (Entartete Vier-Wellen-Mischung)
DG	Directorate-General (EU Commission)
DGaO	Deutsche Gesellschaft für angewandte Optik
DGAP	Deutsche Gesellschaft für Auswärtige Politik
DGBMT	Deutsche Gesellschaft für biomedizinische Technik
DGCA	Directorate General Civil Aviation (Indonesia)
DGE	Deutsche Gesellschaft für Ernährung
DGE	Dynamic Gain-Equalizer (optische Telekommunikation/optical telecommunication)
DGEM	Deutsche Gesellschaft für Ernährungsmedizin
DGF	Deutsche Gesellschaft für Flugwissenschaften e.V. (1959)
DGfB	Deutsche Gesellschaft für Biophysik
DGfE	Deutsche Gesellschaft für Erziehungswissenschaft
DGFRS	Dubna Gas-Filled Recoil Separator (JINR)
DGfS	Deutsche Gesellschaft für Sprachwissenschaft
DGG	Deutsche Geophysikalische Gesellschaft
DGG	Deutsche Glastechnische Gesellschaft e.V.
DGHO	Deutsche Gesellschaft für Hämatologie und Medizinische Onkologie
DGHS	Deutsche Gesellschaft für humanes Sterben
DGHT	Deutsche Gesellschaft für Herpetologie und Terrarienkunde
DGK	Deutsche Gesellschaft für Kristallographie
DGKJP	Deutsche Gesellschaft für Kinder- und Jugendpsychiatrie, Psychotherapie und Psychosomatik
DGKK	Deutsche Gesellschaft für Kristallwachstum und Kristallzüchtung e.V.
DGLM	Deutsche Gesellschaft für Lasermedizin
DGLR	Deutsche Gesellschaft für Luft- und Raumfahrt
DGM	Deutsche Gesellschaft für Materialkunde e.V.
DGMK	Deutsche Wissenschaftliche Gesellschaft für Erdöl, Erdgas und Kohle e.V.
DGMP	Deutsche Gesellschaft für Medizinische Physik
DGNA	Dynamic Group Number Assignment (Telekommunikation/telecommunication)
DGNB	Deutsche Gesellschaft für nachhaltiges Bauen
DGPI	Deutsche Gesellschaft für Produktinformationen mbH
DGPs	Deutsche Gesellschaft für Psychologie
DGPS	Differential Global Positioning System
DGPT	Deutsche Gesellschaft für Post- und Telekommunikationsgeschichte e.V.
DGQ	Deutsche Gesellschaft für Qualität
DGS	Deutsche Gebärdensprache
DGS	Deutsche Gesellschaft für Sonnenenergie
DGS	Deutsche Gesellschaft für Soziologie
DGSM	Deutsche Gesellschaft für Schlafforschung und Schlafmedizin
DGT	Direction Générale des Télécommunications
DGUV	Deutsche Gesetzliche Unfallversicherung
DGW	Data Gateway
DGWK	Deutsche Gesellschaft für Warenkennzeichnung mbH
DGZ	Deutsche Gesellschaft für Zellbiologie
DGZMK	Deutsche Gesellschaft für Zahn-, Mund- und Kieferheilkunde
DGzRS	Deutsche Gesellschaft zur Rettung Schiffbrüchiger
DH	Data – High Rate Data Packet Type (Telekommunikation/telecommunication)
d.H.	der Hedschra (islamische Zeitrechnung, ab 622 n. Chr.)
DHA	Docosahexaensäure (Omega-3-Fettsäure)
DHAP	Dihydroxyacetonphosphat
DHBW	Duale Hochschule Baden-Württemberg (Villingen-Schwenningen)
DHCP	Dynamic Host Configuration Protocol (Telekommunikation/telecommunication)
DHF	Deformed Helix Ferroelectrics
DHH	Deutscher Hochseesportverband Hansa
DHHS	Department of Health and Human Services (USA)
DHIP	Deutsches Historisches Institut Paris
DHN	Digital Home Network
DHO	Diversity Handover (Telekommunikation/telecommunication)
DHS	Demographic and Health Surveys
DHS	Department of Homeland Security (USA, seit/since 2002)

DHSG	Data Hiding Subgroup (of CPTWG)
DHT	Deutscher Handelstag
DHT	Dihydrotestosteron
DHT	Distribution Hash Table (Rundfunk/broadcast)
DHTML	Dynamic HTML
DHU	Data Handling Unit (Telekommunikation/telecommunication)
DHV	Deutscher Hochschulverband e.V.
dHvA	de Haas-van Alphen (Effect)
DI	Directivity Index (loudspeaker)
DIA	Digital Item Adaptation (Telekommunikation/telecommunication)
DIAL	Differential Absorption Lidar
DIAMEX	Diamide Extraction (nuclear waste processing)
DIANA	Dual Ion Accelerators for Nuclear Astrophysics
DIANE	Direct Information Access Network for Europe
DIB	Deutsches Institut für Betriebswirtschaft
DIBANET	Development of Integrated Biomass Biofuels Approaches Network
DIBEG	Digital Broadcasting Expert Group (seit/since 1977 in Japan)
DIBS	Digital In-Band Broadcasting System
DIC	Digital Image Correlation
DICE	Data Intensive Cyber Environment
DICOM	Digital Imaging and Communications in Medicine
DID	Digital Item Declaration (Telekommunikation/telecommunication)
DID	Direct Inward Dialing (Telefon/telephone)
DIESIS	Design of an Interoperable European Federated Simulation Network for Critical Infrastructures (EU Project)
DIF	Data Interchange Format
DIfE	Deutsches Institut für Ernährungsforschung (Potsdam)
DIFF	Deutsches Institut für Fernstudien (Tübingen)
DiffServ	Differentiated Services
Difu	Deutsches Institut für Urbanistik
DIHK	Deutsche Industrie- und Handelskammer
DIHM	Digital In-Line Holographic Microscopy
DIHT	Deutscher Industrie- und Handelstag
DII	Download Info Indication (Telekommunikation/telecommunication)
DIll	Doublet III (Fusionsreakorteknik/fusion reactor technology, General Atomics, San Diego, CA, USA)
DIlll-D	Doublet III-D (Fusionsreakorteknik/fusion reactor technology, General Atomics, San Diego, CA, USA)
DIL	Deutsches Institut für Lebensmitteltechnik (Quakenbrück)
DIL	Dual In-Line (Telekommunikation/telecommunication)
DIMDI	Deutsches Institut für Medizinische Dokumentation und Information
DIMES	Descent Image Motion Estimation System (Raumfahrt/spacecraft)
DIMUS	Digital Multibeam Steering
DIN	Deutsches Institut für Normung
DINI	Deutsche Initiative für Netzwerkinformation e.V.
DINZERT	Deutscher Zertifizierungsrat im DIN
DIP	Digital Item Processing (Telekommunikation/telecommunication)
DIP	Diindenoperylen
DIP	Dual In-Line Package (MEMS)
DIPF	Deutsches Institut für Internationale Pädagogische Forschung (Frankfurt/M)
DIPS	Distributed Intelligent Piloting System
DIR	Data Intensive Research
DIRBE	Diffuse Infrared Background Experiment (Kosmologie/cosmology)
DIRC	Detection of Internally Reflected Cherenkov Light
DIS	Draft International Standard
DISC	Dynamic Instruction Set Computer (Telekommunikation/telecommunication)
DISCOS	Database and Information System Characterising Objects in Space
DISCUS	Distributed Source Coding Using Syndromes (Telekommunikation/telecommunication)
DISH	Digital Strategies for Heritage (Conference)
DISO	Dual Input – Single Output (Regler, System/controller, system)
DITC	Division of Information Technology and Computing (NPL, UK)
DITR	Deutsches Informationszentrum für technische Regeln
Diva	Deutsches Interferometer für Vielkanalphotometrie und Astrometrie
DIW	Deutsches Institut für Wirtschaftsforschung (Berlin)
DIW	Direct Ink Writing (nanotechnology)
DIY	Do it yourself
DJ	Deterministic Jitter (Telekommunikation/telecommunication)
DJ	Disk-Jockey
DJ	Dschibuti (früher Afara und Issa)/Djibouti (former Afar and Issa) (ISO 3166)
DJR	Double Jelly Roll (Genetik/genetics)
DK	Dänemark/Denmark (ISO 3166)
DK	Disk Key (für CDs und DVDs)
DKD	Deutscher Kalibrierdienst
DKE	Deutsche Kommission Elektrotechnik (DIN und VDE)
DKFI	Deutsches Forschungszentrum für Künstliche Intelligenz (Karlsruhe, Saarbrücken)
DKFZ	Deutsches Krebsforschungszentrum (Heidelberg)
DKG	Deutsche Keramische Gesellschaft e.V.
DKI	Deutsche Kommission für Ingenieurausbildung
DKI	Deutsches Kunststoff-Institut
DKIM	Domainkey Identified Mail
DKMM	Deutsches Komitee für Meeresforschung und Meerestechnik

DKRZ	Deutsches Klimarechenzentrum (Hamburg)
DL	Deep Learning
DL	Downlink (Telekommunikation/telecommunication)
DLA	Deutsches Literaturarchiv (Marbach)
DLA	Dielectric Laser Acceleration
DLA	Diffusion-Limited Aggregation
DLA	Dynamic Link Architecture (Telekommunikation/telecommunication)
DLaaS	Deep Learning as a Service
DLC	Data Link Control (or: Connection) [Layer] (DECT)
DLC	Diamond-like Carbon
DLC	Digital Loop Carrier (Internet)
DLC	Direct Lift Control (aircraft testing)
DLCI	Data Link Connection Identifier (Telekommunikation/telecommunication)
DLDC	Downlink Dual Carrier (Telekommunikation/telecommunication)
DLI	Delay-Line Interferometer
DLL	[Dateinamenerweiterung: Programmdatei/file name extension: program file]
DLL	Dynamic(ally) (or: Direct) Link(ed) Library (Telekommunikation/telecommunication)
DLMS	Direct Metal Laser Sintering (3D-Drucker/3D printing)
DLNA	Digital Living Network Alliance (Telekommunikation/telecommunication)
DLP	Digital Light Processing (or: Processor, or: Projection)
DLPFC, DLPFK	Dorsolateral Prefrontal Cortex, Dorsolateraler präfrontaler Kortex
DLR	Deutsche Forschungsanstalt für Luft- und Raumfahrt (ab/since 1989, früher/formerly: DFVLR) Ab 1.10.1997/since Oct. 1, 1997: Deutsches Zentrum für Luft- und Raumfahrt e.V.
DLRG	Deutsche Lebensrettungsgesellschaft
DLS	Direct Access Logging System (Sprachaufzeichnungssystem/speech recorder, Philips)
DLS	Dynamic Light Scattering, dynamische Lichtstreuung
DLU	Digital Line Unit
DLV	Digital Light Valve
DLVO	Derjaguin–Landau–Verwey–Overbeek (soft-matter theory)
DLW	Direct Laser Writing
DM	Data Manager (or: Mining)
DM	Data – Medium Rate Data Packet Type (Telekommunikation/telecommunication)
DM	Deformable Mirror (adaptive Optik/adaptive optics)
DM	Deutsches Museum (München)
DM	Dialog Management (Sprachverarbeitung/speech processing)
DM	Dominica (ISO 3166)
DMA	Direct Memory Access
DMAIC	Define, Measure, Analyse, Improve, Control
DMARD	Disease Modifying Antirheumatic Drugs (Antirheumatika/cure for rheumatism)
DMB-T	Digital Multimedia Broadcast – Terrestrial
DMC	Dense Multi-Carrier (optische Telekommunikation/optical telecommunication)
DMCA	Digital Millennium Copyright Act (USA 2000)
DMD	Digital Micromirror Device
DME	Digital Motor Electronics (Kfz/motor vehicle)
DME	Distance Measuring Equipment (for air traffic)
DMF	Dimethylformamid (Lösungsmittel/solvent)
DMFC	Direct Methanol Fuel Cell, Direkt-Methanol-Brennstoffzelle
DMFT	Dynamic Mean Field Theory (Festkörperphysik/solid state physics)
DMG	Deterministic Micro Grinder (für asphärische Linsen/for aspheric lenses)
DMG	Deutsche Meteorologische Gesellschaft
DMG	Deutsche Mineralogische Gesellschaft e.V.
DMI	Driver-Machine Interface
DML	Digital Mathematics Library
DMLS	Direct Metal Laser-Sintering
DMM	Deutsches Museum München
DMM	Digital-Multimeter
DMN	Default Mode Network (im Gehirn/in the brain)
DMO	Direct Mode Operation (Telekommunikation/telecommunication)
DMQM	Division of Mechanical and Optical Metrology (NPL, UK)
DMP	Data Management Plan
DMP	[Peter A.] Diamond, [Dale T.] Mortensen, [Christopher A.] Pissarides (Modell, Wirtschaftswissenschaften)
DMP	Digital Media Project (Telekommunikation/telecommunication)
DMP	Disease-Management-Programm
DMP	Division of Materials Physics (APS)
DMPK	Drug Metabolism and Pharmacokinetics
DMR	Data Miner Recipes (statistical computations)
DMR	Differential Microwave Radiometer (Astrophysik/astrophysics)
DMR	Division of Materials Research (NSF, Arlington, VA, USA)
DMRC	Direct Manufacturing Research Center (Paderborn, DE)
DMS	Datenmanagementsystem (Fernerkundung/remote locating)
DMS	Dehn(ungs)messstreifen
DMS	Digital Moiré Subtraction (Metrologie/metrology)
DMS	Direct Measurement System
DMS	Document Management System (Wissensmanagement)
DMS	Dual-Magnetron-Sputter-System
DMSO	Dimethyl sulfoxide, Dimethylsulfoxid
DMSP	Defense Meteorological Satellite Program (USA)
DMT	Discrete Multi-Tone (Leitungscode, Mehrfach-Träger-Modulation/transmission code, multiple carrier)

DMT	Dough Moulding Compound
DMTA	Dental Microwear Texture Analysis
DMU	Digital Mock-Up (Telekommunikation/telecommunication)
DMU	Display and Metering Unit
DMV	Deutsche Mathematiker-Vereinigung e.V.
DMX	Distributed Media Exchange (Telekommunikation/telecommunication)
DMZ	De-Militarized Zone
DNA	Desoxyribonucleic acid
DNA	Distributed Internet Architecture
DNB	Deutsche Nationalbibliothek (Leipzig – Frankfurt am Main – Berlin)
DNCP	Deliver Using Network and Content Protection (Datentransfer/data transmission)
DNDi	Drugs for Neglected Diseases Initiative
DNDO	Domestic Nuclear Detection Office (USA)
DNEbM	Deutsches Netzwerk für Evidenz-basierte Medizin
DNK	Deutsches Nationales Komitee für IUPAP
DNL	Day-Night-Level (Lärmpegel)
DNMT	DNA-Methyltransferase
DNS	Data Network System (Telekommunikation/telecommunication)
DNS	Desoxyribonucleinsäure
DNS	Direct Numerical Simulation (z.B. Verbrennungsvorgänge/e.g., internal combustion)
DNS	Domain Name Service (or: System, or: Server) (Telekommunikation/telecommunication)
DNT	Digitale Nutzfahrzeugtechnologie (Innovationscluster/innovation cluster, Kaiserslautern)
DNT	Dinitrotoluol
DNW	Deutsch-Niederländischer Windkanal (bei/near Emmeloord, NL, 1980)
DO	Dominikanische Republik/Dominican Republic (ISO 3166)
DOA	Direction of Arrival
DOAB	Directory of Open Access Books
DOAG	Deutsch-Ostafrikanische Gesellschaft
DOAJ	Directory of Open Access Journals
DOAR	Directory of Open Access Repositories
DOAS	Differentielle optische Absorptionsspektroskopie, Differential Optical Absorption Spectroscopy
DOB	Depth of Burial (for underground nuclear tests)
Dobes	Dokumentation bedrohter Sprachen (Projekt der Volkswagenstiftung, Nimwegen, NL)
Dobson-Unit	$2,7 \times 10^{16}$ Moleküle/cm <sup>3</sup>
DOC	[Dateinamenerweiterung: Microsoft-Word-Dokument/file name extension: Microsoft Word document]
DOC	Demonstration of Capability
DOC	Department of Commerce (USA)
DOC	Dissolved Organic Carbon (in water resources)
DOCSIS	Data Over Cable Service Interface Specification (Telekommunikation/telecommunication)
DOD	Department of Defense (USA)
DODfast	Demonstration of an Optical Data Link Fast
DOE	Department of Energy (USA)
DoE	Design of Experiments
DOE	Diffraction Optical Element
DOES	differentielle optische Absorptionsspektroskopie
DOF	Degree-of-Freedom
DOF	Depth of Focus (Schärfentiefe)
DoH	Department of Health (UK)
DOI	Digital Object Identifier (Literatursuche im www/literature search in the www)
DOK	Deutsches Optisches Komitee
DOM	Digital Optical Module (neutrino detector)
DON	Department of the Navy
DOP	Degree of Polarization (Glasfaser/glass fiber)
DOP	Diocetylphthalat (Weichmacher/plasticizer)
DOPA	L-Dihydroxyphenylalanin
DOPS	Danish Optical Society
DOR	Director of Research
DORA	Declaration on Research Assessment
DORIS	Doppel-Ring-Speicher (DESY)
DORIS	Doppler Orbitography and Radiopositioning Integrated by Satellite (ENVISAT)
DoS	Denial-of-Service (Telekommunikation/telecommunication)
DOS	Density of States (Festkörperphysik/solid state physics)
DOS	Deutsche Offenlegungsschrift (Patent)
DOS	Digital Optical Switch (Telekommunikation/telecommunication)
DOS	Disk Operating System
DOSB	Deutscher Olympischer Sportbund
DOSITS	Discovery of Sound in the Sea
DOT	[Dateinamenerweiterung: Microsoft Word-Dokumentenvorlage/file name extension: Microsoft Word document template]
DOT	Department of Transportation (USA)
DOT	Diffuse Optical Tomography
DoV	Data over Voice
DP	Double Precision
DP	Drop Procedure
DPA	Demand Priority Access (Datennetze/data networks, AT&T and HP)
DPA, dpa	Deutsche Presse-Agentur
D-PAF	Deutsche Processing and Archiving Facility (Fernerkundung/remote locating)
DPCCCH	Dedicated Physical Control Channel (Telekommunikation/telecommunication)
DPCH	Dedicated Physical Channel (Telekommunikation/telecommunication)

DPCM	Differential Pulse Code Modulation
DPD	Data Protection Directive (EU)
DPD	Deutscher Paketdienst, ab 1.1.2008/since Jan. 1, 2008: Dynamic Parcel Distribution
DPD	Digital Predistortion
DPDCH	Dedicated Physical Data Channel (Telekommunikation/telecommunication)
DP-DQPSK	Dual-Polarization Differential Quadrature Phase-Shift Keying (Modulation)
DPE	Distributed Processing Environment (Telekommunikation/telecommunication)
DPF	Dieselpartikelfilter
DPF	Distributed Packet Filtering (Telekommunikation/telecommunication)
DPG	Deutsche Physikalische Gesellschaft
DPHEP	[Study Group on] Data Preservation and Long Term Analysis in High Energy Physics
DPI	Department of Primary Industries (Victoria, AU)
DPI	Drittes Physikalisches Institut [der Universität Göttingen]
DPhV	Deutscher Philologenverband
DPKK	Deutsches Prostatakarzinom Konsortium
DPLA	Digital Public Library of America
DPMA	Deutsches Patent- und Markenamt
DPMEM	Dual-Port Memory (auf Prozessorkarte/on processor card)
DPN	Dip-Pen-Nanolithography
DPNS	Digital Private Networking System (Telekommunikation/telecommunication)
DPOAE	Distortion Product Otoacoustic Emission (physiological acoustics)
DPOLY	Division of Polymer Physics (APS)
DPP	Digital Photonic Production
DPP	Diketopyrrolopyrrole (organic polymer)
DPP	Division of Plasma Physics (AIP)
DP-QPSK	Dual-Polarization Quadrature Phase Shift Keying (optische Telekommunikation, Modulation/optical telecommunication, modulation)
DPRK	Democratic People's Republic of Korea
DPS	Dispersion-Relation Phase Spectroscopy
DPSK	Differential Phase-Shift Key
DPSS(L)	Diode-Pumped Solid State (Laser)
DPZ	Deutsches Primatenzentrum (Göttingen)
DQ	Development Qualification
DQA	Data Quality Analyzer (Telekommunikation/telecommunication)
DQDB	Distributed Queue Dual Basis (or: Bus)
DQPSK	Differential Quadrature Phase Shift Keying (Modulation)
DQS	Deutsche Gesellschaft zur Zertifizierung von Qualitätsmanagementsystemen mbH
DR	dielektronische Rekombination
DR	Dilution Refrigerator
DR	Drive (US Mail)
DRA	Defence Research Agency (UK)
DRAGON	Dynamic Resource Allocation via GMPLS Optical Networks (optische Telekommunikation/optical telecommunication)
DRAM	Dynamic Random Access Memory
DRAW	Development of Design Tools for Reduced Aerodynamic Noise Wind Turbines (EU research project)
DRC	DARPA Robotics Challenge
DRDC	Defence Research and Development Canada
DR-DOS	Digital Research DOS
DRESSMAN	Dummy Representing Suit for Simulation of Human Heatloss
DRET	Direction des Recherches, Etudes et Techniques
DRF	Deafness Research Foundation (USA)
DRG	Deutsche Röntgengesellschaft, Gesellschaft für medizinische Radiologie, Strahlenbiologie und Nuklearmedizin e.V.
DRG	Diagnosis Related Group
DRG	Dorsal Root Ganglion (Neurone/neurons)
DRIC	Defence Research Information Centre (Orpington, Kent, UK)
DRIVE	Dedicated Road Infrastructure for Vehicle Safety in Europe
DRIVER	Driving Innovation in Crisis Management for European Resilience (EU project)
DRM	Design Reference Mission (Astrophysik/astrophysics)
DRM	Digital Radio Mondiale (Telekommunikation/telecommunication)
DRM	Digital Rights Management
DRNC	Drift Radio Network Controller (Telekommunikation/telecommunication)
DRO	Dielectric Resonance (or: Resonator) Oscillator
DRO	Digital Read Out
DRP	Deutsches Reichspatent (1877 – 1945)
DRP	Digital Radio Promotion
DRR	Digitally Reconstructed Radiograph (Onkologie/oncology)
Dr. rer. nat.	Doctor rerum naturalium
DRS	Daten-Relaissatellit
DRS	Differential Reflectance Spectroscopy
DRV	[Dateinamenerweiterung: Treiberdatei/file name extension: driver file]
DRW	[Dateinamenerweiterung: Micrografix Designer-Graphikdatei/file name extension: Micrografix Designer graphic file]
DS	Differentiated Services (Telekommunikation/telecommunication)
DS	Downstream
DSA	Diffuse Shock Acceleration (supernova research)
DSA	Digital Signature Algorithm
DSAU	Digital Subscriber Access Unit (Telekommunikation/telecommunication)
DSAZ	Deutsch-Spanisches Astronomisches Zentrum (= CAHA) (auf/on Calar Alto, Chile)
DSB	Digital Sound Broadcasting



DSCDMA	Direct Sequence CDMA (Telekommunikation/telecommunication)
DSC	Deep Sound Channel (ocean acoustics)
DSC	Differential Scanning Calorimetry
DSC	Digital System Controller
DSC	Distributed Source Coding (Telekommunikation/telecommunication)
DSC	Dye-Sensitive Solar Cell
DSC	Dynamic Stability Control (Kfz/motor vehicle)
DSCH	Downlink Shared Channel (Telekommunikation/telecommunication)
DSCOVER	Deep Space Climate Observatory
DSCP	Differentiated Services Code Point (Telekommunikation/telecommunication)
DSCS	Defense Satellite Communications System (USA)
DSD	Direct Stream Digital
DSE	Design Support Environment
DSE	Downstream Sequence Element
DSF	Dispersion Shifted Fiber (Glasfaser/glass fiber)
DSGV	Deutscher Sparkassen- und Giroverband
DSHS	Deutsche Sporthochschule (Köln)
DSI	Deutsches SOFIA-Institut (Universität Stuttgart)
DSI	Diffusions-Spektrum-MRI (Bildgebungsverfahren/image processing)
DSI	Download Server Initiative (Telekommunikation/telecommunication)
DSIF	Deep Space Instrumentation Facility (antenna systems)
DSIR	Department of Scientific and Industrial Research (UK)
DSKLR	Dreiachsiges Strapdown Kurs-Lage-Referenzsystem
DSL	Deep Scattering Layer
DSL	Digital Subscriber Line (Telekommunikation/telecommunication)
DSL	Domain Specific Language (Programmiertrend)
DSLAM	Digital Subscriber Line Access Multiplexer (Telekommunikation/telecommunication)
DSM	Deutsches Schiffahrtsmuseum (Bremerhaven)
DSM	Diagnostisches und statistisches Manual [psychischer Störungen]
DSM	Distributed System Management
DSM	Dynamic Spectrum Management (Telekommunikation/telecommunication)
DSM-CC	Data (or: Digital) Storage Media – Command and Control (Telekommunikation/telecommunication)
DSN	Deep Space Network (for communication)
DSO	Digital Sampling Oscilloscope
DSO	Digital Storage Oscilloscope
DSP	Data Service Profile (Telekommunikation/telecommunication)
DSP	Defense Support Program (USA)
DSP	Diabetische Schwerpunktpraxis
DSP	Digital Signal Processor (or: Processing)
DSP	Digital Speech Processing
DSP	Downstream Processing
DSR	Delayed Sound Reinforcement
DSR	Differential Spectral Responsivity
DSR	Digital Satellite Radio; Digitaler Satellitenrundfunk
DSR	Distributed Speech Recognition
DSR	Doubly (or Deformed) Special Relativity
DSRC	Dedicated Short-Range Communication (Telekommunikation/telecommunication)
DSS	Decentralized Software Services (Computer-Programmentwicklung/program development)
DSS	Decision Support System
DSS	Digital Signature Standard
DSS	Digital Speaker System (Lautsprecher/loudspeaker)
DSSS	Direct Sequence Spread Spectrum
DST	Department of Science and Technology (Südafrika/South Africa)
DST	Discrete Sine Transform, diskrete Sinustransformation
DST	Dispersion Supported Transmission (Telekommunikation/telecommunication)
DSTO	Defence (or: Data) Science and Technology Organization (AU)
DSU	Digital Service Unit
Dsup	Damage Suppressor (a protein)
DSV	Deutscher Schwimm-Verband
DSW	Deutsche Stiftung Weltbevölkerung
DS-Wert	durchschnittlicher Substitutionsgrad
DSX	Demonstrations and Science Experiments (NASA, geplant für/planned for 2012)
DT	Data Terminal
DTA	Deutsche Technische Akademie (Helmstedt)
DTA	Differential Thermal Analysis
DTAB	Demountable TAB
DTAB	Dodecyltrimethylammonium Bromide
DTAG	Digital Recording Tag
DTC	Defence Technology Centre (UK)
DTC	Direct Torque Control (für Elektroantrieb/for electric drive)
DTCP	Digital Transmission Content Protection (Telekommunikation/telecommunication)
DTD	Document Type Definition
DTE	Data Terminal Equipment (Telekommunikation/telecommunication)
DTFT	Discrete-Time Fourier Transform
DTH	Direct to Home (Satellitenfernsehen/satellite TV)
DTI	Danish Technological Institute
DTI	Department of Trade and Industry (UK)
DTI	Diffusion Tensor Imaging (Bildgebungsverfahren/image processing)

DTI	Display Technology Incorporated (Zusammenschluss von IBM und Toshiba zur Produktion von Flachbildschirmen/cooperation of IBM and Toshiba for flat-screen manufacturing)
DTL	Diode-Transistor Logic
DTM	Department of Terrestrial Magnetism (Carnegie Institution of Washington, DC, USA)
DTM	Device Type Manager (Feldbussystem/field bus system)
DTM	Dual Transfer Mode (Telekommunikation/telecommunication)
DTMB	David Taylor Model Basin (MD, USA)
DTMF	Dual Tone Multifrequency (Telefon/telephone)
DTNSRDC	David Taylor Naval Ship Research and Development Center
DTO	Data Transfer Object
D/TOS	ESA Directorate of Technical and Operational Support
DTP	Desktop Publishing
DTP	Digital Transparent Processor (Satellitentechnik/satellite technology)
DTP	Diverter Test Platform (for ITER)
DTPP	Desktop Program Production
DTRA	Defense Threat Reduction Agency (USA)
DTS	Distributed Temperature Sensor
DTT	Digital Terrestrial Television
DTTB	Digital Terrestrial Television Broadcasting (Japan)
DTTG	Digital Terrestrial Television Local Testing Group
DTV	Digital Television
DTW	Dynamic Time Warp(ing)
DTX	Discontinuous Transmission (Telekommunikation/telecommunication)
DU	Dobson Unit (for atmospheric ozone concentration)
DUACS	Developing Use of Altimetry for Climate Studies
DÜE	Datenübertragungseinrichtung (Telekommunikation/telecommunication)
DÜI	Deutsches Übersee-Institut (Hamburg)
DUI	Driving Under the Influence
DUMAND	Deep Underwater Myon and Neutrino Detector (bei/near Hawaii)
DUN	Dial-Up Networking (Telekommunikation/telecommunication)
DUNE	Deep Underground Neutrino Experiment
DUSEL	Deep Underground Science and Engineering Laboratory (Homestake gold mine in Lead, South Dakota, USA)
DUT	Device Under Test
DUV	Deep-Ultraviolet
DUZ	Deutsche Universitätszeitung
DVA	Dynamic Visual Acuity
DVB	Digital Video Broadcast(ing)
DVB-C	DVB Cable
DVB-CMBS	DVB-Convergence of Broadcast and Mobile Services
DVB-DSNG	DVB Digital Satellite News Gathering
DVB-H	DVB (to) Handheld System
DVB-RCS	DVB Return Channel via Satellite
DVB-S	DVB Satellite
DVB-S	DVB-Standard (Downlink)
DVB-SH	DVB for Satellite Services to Handheld Devices
DVB-T	Terrestrial Digital Video Broadcast
DVCS	Deeply Virtual Compton Scattering
DVD	Digital Versatile (or: Video) Disk
DVDCCA	DVD Copy Control Association
DVE	Digital Video Encoder
DVE	Distributed Virtual Environment
DVG	Deutsche Vakuumgesellschaft
DVL	Deutsche Versuchsanstalt für Luftfahrt (Berlin-Adlershof, 1912)
DVM	Deutscher Verband für Materialforschung und -prüfung
DVMT	Dynamic Video Memory Technology
DVP	Distributed Video Production
DVPT	Deutscher Verband für Post und Telekommunikation
DVPW	Deutsche Vereinigung für Politische Wissenschaft
DVS	Deutscher Verband für Schweißtechnik (oder: ... für Schweißen und verwandte Verfahren e.V.)
DVS	Dynamic Vision Sensor (camera)
DVT	Deutscher Verband Technisch-Wissenschaftlicher Vereine e.V.
DWA	Deutsche Vereinigung für Wasserwirtschaft, Abwasserr und Abfall
DWA	Diebstahlwarnanlage
DWAF	Department of Water Affairs and Forestry (ZA)
DWC	Digital Waveform Capture (I/O Board)
DWC	Digital Wavefront Camera
DWD	Deutscher Wetterdienst
DWDM	Dense Wavelength Division Multiplexing (optische Telekommunikation/optical telecommunication)
DWI	Drinking Water Inspectorate (UK)
DWIH	Deutsche Wissenschafts- und Innovationshäuser (an mehreren Standorten weltweit)
DWL	Data Window Length (underwater noise monitoring standard)
DWNT	Double Wall Nanotube
DWP	Data Window Period (underwater noise monitoring standard)
DWPI	Derwent World Patents Index
DwPTS	Downlink Pilot Time Slot (Telekommunikation/telecommunication)
DWT	Discrete Wavelet Transform
DXA	Dual Energy X-Ray Absorptiometry
DXC	Digital Cross Connect (Telekommunikation/telecommunication)

DXF [Dateinamenerweiterung: Autodesk Autoload-Graphikdatei/file name extension: Autodesk Autoload graphic file]  
DYNAMO [MURI Center for] Dynamic Magneto-Optics (University of Michigan, USA)  
DZ Algerien/Algeria (ISO 3166)  
DZA Deutsches Zentrum für Altersfragen (Berlin)  
DZfCh Deutscher Zentrallausschuss für Chemie  
DZNE Deutsches Zentrum für Neurodegenerative Erkrankungen (UMG, Tübingen)  
D2B Domestic Digital (or: Digital Domestic) Bus (Faseroptik/fiber optics)  
D2D Device-to-Device  
D3ML Device Independent Multi-Modal Markup Language

## E

E-... Electronic ... (-Business, -Commerce, -Economy, -Journal, -Procurement etc.)  
E... Exa (Präfix/prefix): 10<sup>18</sup>  
EA Electroabsorption  
EAA European Acoustics Association  
EAA Experimental Aircraft Association  
EAC European Astronaut Centre (ESA)  
EAC Extended Access Control (Datensicherheit/data security)  
EACOA East Asian Core Observatories Association (astronomy)  
EADQ [Fraunhofer-] Einrichtung für Diagnose und Qualitätssteigerung  
EADS European Aeronautic Defence System  
EADV European Academy of Dermatology and Venerology  
EAE Experimentelle Autoimmunenzephalomyelitis  
EAEG Euroean Association of Exploration Geophysics  
eag (EAG) ether-à-go-go (ein Gen/a gene)  
EAG Europäische Atomgemeinschaft  
E-AGCH Enhanced [Uplink] Absolute Grant Channel  
EAI Emergency Access Initiative  
EAI Enterprise Application Integration (Telekommunikation/telecommunication)  
EAL Evangelische Akademie Loccum  
EALM Electro-Absorption Laser Modulator (optische Telekommunikation/optical telecommunication)  
EAM Electro-Absorption Modulator (Telekommunikation/telecommunication)  
EAM Energie-Aktiengesellschaft Mitteldeutschland (früher/formerly: Elektrizitäts-Aktiengesellschaft Mitteldeutschland)  
EAN European Article Number, Europäische Artikelnummer (Strichcode/bar code)  
EAP [Bureau of] East Asian and Pacific [Affairs]  
EAP Electro-Active Polymer, elektroaktives Polymer  
EAP Encyclopedia of Applied Physics  
EAP Extensible Authentication Protocol (Telekommunikation/telecommunication)  
EAPOL Extensible Authentication Protocol over Local Area Networks (Telekommunikation/telecommunication)  
EAPS Earth, Atmosphere, and Planetary Sciences (Department at Purdue University, USA)  
EAPS Euro-Asian Physical Society  
EAR Edge Aggregation Router (Telekommunikation/telecommunication)  
EAR Environment for Acoustic Research (ARL, Aberdeen Proving Ground, MD, USA)  
EARA European Association for Research in Astronomy  
EARLINET European Aerosol Research Lidar Network (Fernerkundung/remote locating)  
EARN European Academic Research Network  
EARN European Asteroid Research Node (DLR)  
EARS Environmental Acoustic Recording System  
EARSS Antimicrobial Resistance Surveillance System (Medizin/medicine)  
EARTO European Association of Research and Technology Organizations (Bruxelles, BE)  
EAS European Astronomical Society  
EAS Extraordinary Acoustic Screening  
EASA European Academic Software Award  
EASA European Aviation Safety Agency, Europäische Agentur für Flugsicherheit  
EASI End-to-End Application and Service Integration (Telekommunikation/telecommunication)  
EASI European Academic Supercomputing Initiative  
EASInet European Academic Supercomputing Initiative Network  
EASIS Electronic Architecture and System Engineering for Integrated Safety Systems (Zusammenschluss europäischer Automobilhersteller/cooperation of European car manufacturers)  
EASOE European Arctic Stratospheric Ozone Experiment  
EASSy Eastern Africa Submarine Cable System (Telekommunikation/telecommunication)  
EAST Experimental Advanced Superconducting Tokamak (Hefei, China)  
EAT Enquiring About Tolerance (Allergie-Studie)  
EATC European Altair Technology Conference  
EB Equivalent Bandwidth (Telekommunikation/telecommunication)  
EBA Eisenbahnbundesamt  
EBA Evidence-Based Acquisition (Cambridge University Press, UK)  
EBASS Essrange Balloon Service  
EBCC European Bird Census Committee  
EBCOT Embedded Block Coding with Optimal Truncation (Bildkompression/image compression)  
EBD [elektronische Bremskraftverteilung] (Kfz/motor vehicle)  
EBDM Electron Beam Direct Manufacturing (3D-Drucker/3D printer)  
EBF European Federation of Biology  
EBHA hydraulischer Aktor mit elektrischem Backup  
EBI European Bioinformatics Institute (Hinxton bei/near Cambridge, UK)  
EBID Electron-Beam Induced Deposition  
EBiSC European Bank for Induced Pluripotent Stem Cells

EBIT	Earnings Before Interest and Tax
EBIT	Electron Beam Ion Trap
EBITDA	Earnings Before Interest, Tax, Depreciation and Amortization
E-BIZ	E-Business Innovationszentrum (FhG)
EBL	E-Beam Lithography
EBL	Electron Blocking Layer (in LEDs)
EBLIDA	European Bureau of Library, Information and Documentation Associations
EBLIP	Evidence-Based Library and Information Practice
EBM	Electron Beam Melting
EbM	Evidenzbasierte Medizin
EBN	entwicklungsbegleitende Normung
EBP	Error Back Propagation (Algorithmus/algorithm)
EB-PVD	Electron-Beam Physical Vapor Deposition
EBR	Electronic Batch Record
EBRD	European Bank for Reconstruction and Development
EBS	Elektronisches Bremssystem (Kfz-Technik)
EBS	European Business School (in Oestrich-Winkel, DE)
EBSD	Electron Backscatter(ed) Diffraction
EBT	Electron-Beam Testing
EBU	European Broadcasting Union
EBV	[Michael] Epstein, [Yvonne] Barr Virus (herpes virus)
EC	Ecuador (ISO 3166)
EC	Electrochemical Capacitor
EC	European Commission
EC	Executive Council
ECA	European Congress on Acoustics
ECA	Evolution Cryotechnique Type A (Rakete/rocket)
ECAD	Electronic Computer Aided Design
ECAF	European Conservation Agriculture Federation
eCall	Emergency Call (Kfz-Unfallmeldesystem)
ECAP	Erlangen Centre for Astroparticle Physics (FAU, Erlangen, DE)
ECB	EcoCommercial Building
ECB	European Chemicals Bureau
ECC	Electrochemical Concentration Cell
ECC	Electronic Climate Control (für Autos/for cars)
ECC	Engineered Cementitious Composite (biegsamer Beton/flexible concrete)
ECC	Error Correcting Code
ECCO	Estimating the Circulation and Climate of the Ocean (Forschungsprojekt/research project)
EC COST	European Cooperation in the Field Field of Scientific and Technical Research
ECD	Electrochromic Device
ECD	Electron Capture Detector
ECDF	Edinburgh Compute Data Facility (UK)
ECDIS	Elektronisches Kartendarstellungs- und Informationssystem (DLR- und Atlas Elektronik-Programm)
ECDL	External Cavity Diode Laser (gitterstabilisierter Diodenlaser)
ECDT	Engineering Career Development Team (IEEE)
ECE	Economic Commission of Europe (UN)
ECE	[Department of] Electrical and Computer Engineering
ECFA	European Committee for Future Accelerators
ECFRN	European Consulting Forum for Research Networking
EChO	Electron Capture Holmium (experiment on neutrino mass)
EChO	Exoplanet Characterization Observatory (ESA, planned)
ECHR	European Convention on Human Rights
ECL	Emitter Coupled Logic
ECL	External Cavity Laser
ECLA	European [Patent] Classification System
ECLIF	Emissions and Climate Impact of Alternative Fuels (for aircraft)
ECLS	Environmental Control and Life Support (Satelliten/satellites)
ECLSS	Environmental Control and Life Support Systems (Satelliten/satellites)
ECM	Electret Condenser Microphone
ECM	Electronic Content Management (Informationsverarbeitung/information processing)
ECM	Enterprise Content Management
ECM	Entitlement Control Message (Telekommunikation/telecommunication)
ECM	European Crystallographic Meeting
ECMA	European Computer Manufacturers Association
ECMC	Experimental Cancer Medicine Centre (Liverpool, GB)
ECMP	Equal Cost Multipath (Telekommunikation/telecommunication)
ECMWF	European Centre for Medium-Range Weather Forecast (Reading, UK) (= EZMW)
ECN	Energy Research Centre (NL)
ECO	Emergency On-Call Officer (Einsatzkoordinator)
ECOC	European Conference [and Exhibition] on Optical Communication
ECOLE	European Collaborative Open Learning Environment
ECMoS	Energieautarkes Condition-Monitoring System (Verbundprojekt BMBF-Fraunhofer)
ECOPS	European Committee on Ocean and Polar Sciences
ECORD	European Consortium on Research Drilling
ECOSA	European Conference on Optical Systems and Applications
ECOSAE	European Consumer Safety Organisation
ECOSSE	Estimating Carbon in Organic Soils – Sequestration and Emissions (Scotland and Wales)
ECPP	Elliptic Curve Primality Proving (algorithm)

ECR	Early-Career Researcher
ECS	Electrochemical Society (USA)
ECS	Electronics and Computer Science
ECS	Environmental Control System
ECSC	European Coal and Steel Community
ECSC	European Congress of Science Cities
ECSD	Enhanced Circuit Switched Data (Telekommunikation/telecommunication)
ECSEL	Extended-Cavity Surface-Emitting Laser
Ecsite	European network of science centres and museums
ECSS	Extended Collaborative Support (XSEDE)
ECT	Elektrochemotherapie (gegen Krebs)
ECT	Explicit Call Transfer (Telekommunikation/telecommunication)
eCTD	Electronic Common Technical Document (Standard)
ECTF	Early Career Task Force
ECTS	European [Community Course] Credit Transfer Scheme (or: System)
ECU	East Carolina University (Greenville, NC, USA)
ECU	Electrical (or: Electronic) Control Unit
ECU	European Currency Unit
ECUA	European Conference on Underwater Acoustics
ECVAM	European Centre for the Validation of Alternative Methods (Bologna, IT)
ECWP	Emirates Center for Wildlife Propagation
EC2	Elastic Compute Cloud
ED	Erektile Dysfunktion
EDA	Electronic Design Automation
EDA	Engineering Design Activities (EC)
EDA	Exploratory Data Analysis
EDC	Electronic Damper Control (Kfz/motor vehicle)
EDC	Electronic Data Capture
EDC	Electronic Diesel Control (Kfz/motor vehicle)
EDC	Endocrine Disrupting Compounds
EDC	Energy Decay Curve (acoustics)
EDCINE	Enhanced Digital Cinema (EU project)
EDCTP	European and Developing Countries Clinical Trials Partnership (16 European and 45 African countries)
EDD	Electronic Data-Deliverable
EDELWEISS	Expérience pour Détecter les WIMPs en Site Souterrain
EDF	Electricité de France
EDF	Extended Depth of Field
EDFA	Erbium Doped Fiber Amplifier (Glasfaser/glass fiber)
EDG	Electronics Development Group (at EFI)
EDG	European Datagrid
EDGE	Enhanced Data Rate(s) for GSM Evolution (Telekommunikation/telecommunication)
EDGE	Evolutionary Distinct and Globally Endangered (Artenschutz/species protection)
EDI	Electronic Data (or: Document) Interchange
EDICI	Evolution, Development and Intentional Control of Initiation (EU Project)
EDID	Extended Display Identification Data (Telekommunikation/telecommunication)
EDIF	Electronic Design Interchange Format
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport
EDL	Entry, Descent and Landing (Raumfahrt/spacecraft)
EDLC	Electric Double-Layer Capacitor
EDM	Electric Dipole Moment (Elementarteilchenphysik/elementary particle physics)
EDM	Electrical Discharge Machining
EDM	Electronic Distribution of Music
EDM	Europeana Data Model
EDMS	Electronic Document Management System
EDNA	European Data Network Agency
EDP	Electronic Data Processing
EDP	Energy Delay Product
E-DPCCH	Enhanced Dedicated Physical Control Channel (Telekommunikation/telecommunication)
E-DPDCH	Enhanced Dedicated Physical Data Channel (Telekommunikation/telecommunication)
EDPS	European Data Protection Supervisor
EDQM	Europäische Direktion für die Qualität von Arzneimitteln und Gesundheitspflege
EDR	Enhanced Data Rate (25.78125 Gb/s)
EDR	Event Data Recorder (Kfz-Technik/automobile)
EDRN	Early Detection Research Network (National Cancer Institute)
EDRS	European Data Relay System (für Informationsaustausch zwischen Satelliten/for information exchange between satellites)
EDS	Earth Departure Stage (Raumfahrt/spacecraft)
EDS	Electronic Differential System, elektronische Differenzialsperre (Kfz/automobile)
EDS	Energy-Dispersive Spectrometer (or: Spectroscopy)
EDSAC	Electronic Delay Storage Automatic Computer (Cambridge University, 1949)
EDT	Early Decay Time (room acoustics)
EDT	Elektrodynamisches Tether-System
EDTA	Ethylendiamintetraacetat
edu	[Educational Organization] (Internet, USA)
EDV	Elektronische Datenverarbeitung
EDVAC	Electronic Discrete Variable Automatic Computer (University of Pennsylvania, USA, 1950)
EDWARD	Electric Diwheel with Active Rotation Damping (entwickelt/developed in Adelaide, AU, 2009–2011)
EDX	Energy Dispersive X-Ray (fluorescence spectroscopy)/Energiedispersive Röntgenspektroskopie
ED-XRF	Energy Dispersive X-Ray Fluorescence

EE	Equipment Engineering (TC im/in the ETSI)
EE	Estland/Estonia (ISO 3166)
EEA	European Environment(al) Agency
EEC	European Economic Community
EECONET	European Ecological Network (Naturschutz/nature conservation)
EECS	Electrical Engineering and Computer Science
E-EDID	Enhanced Extended Display Identification Data (Telekommunikation/telecommunication)
eEDM	Electron's Electric Dipole Moment
EEE	[Department of] Electronic and Electrical Engineering (at UCL)
EEEL	Electronics and Electrical Engineering Laboratory (NIST, USA)
EEF	Erleichterung für Existenzgründungen aus Forschungseinrichtungen (ein Fonds/a fund)
EEFAE	Efficient and Environmentally Friendly Aero-Engine (Flugzeugantrieb/aircraft engine)
EEG	Elektroenzephalogramm (-graphie), Electroencephalogram (-graphy)
EEG	Erneuerbare-Energien-Gesetz (DE, seit 1.4.2000)
EEHPC	Energy Efficient High Performance Computing
EEl	Edison Electric Institute (USA)
EEIG	European Economic Interest Group (EU)
EELS	Electron Energy-Loss Spectroscopy (or: Spectrometer)
EELT	European Extremely Large Telescope (geplant für/planned for 2017, Atacama Wüste/desert, Chile)
EEM	Electronic Engine Management (Kfz/motor vehicle)
EEN	Enterprise Europe Network
EEP	Europäisches Erhaltungszuchtprogramm (für vom Aussterben bedrohte Tierarten/program for breeding animals threatened by extinction)
EEPROM	Electrically Erasable Programmable Read-Only Memory
EER	Equal-Error Rate (Telekommunikation/telecommunication)
EERE	[DOE Office of] Energy Efficiency and Renewable Energy
eERG	End-Use Efficiency Research Group (Politecnico di Milano, IT)
EEROM	Electrically Erasable Read-Only Memory
EESC	Equivalent Effective Stratospheric Chlorine
EESE	Electrical/Electronic Systems Engineering
EET	Energy Efficient Transport (Flugzeugantrieb/aircraft engine)
EeV	Exaelektronenvolt ( $10^{18}$ eV)
EEW	Early Earthquake Warning
EEZ	Exclusive Economic Zone
EF	Expedited Forwarding (Telekommunikation/telecommunication)
eFA	elektronische Fallakte (für Ärzte und Kliniken)
EFA	European Fighter Aircraft
EFAS	European Federation of Audiological Societies, Europäische Föderation Audiologischer Gesellschaften
efd	Event Forwarding Discriminator (Telekommunikation/telecommunication)
EFDA	European Fusion Development Agreement
EFE	Einstein's Field Equations
EFF	Electronic Frontier Foundation (USA)
EFFESUS	Energy Efficiency for EU Historic Districts Sustainability
EFG	Edge-Defined Filmfed Growth
EFI	Enrico Fermi Institute (University of Chicago, IL, USA)
EFI	Expertenkommission für Forschung und Innovation (DE, seit 2007)
EFK	Eidgenössische Finanzkontrolle (CH)
EFL	Effective Focal Length (optische Linsen/optical lenses)
EFM	Ethernet in First Mile (Telekommunikation/telecommunication)
EFM	European Film Marker
EFPIA	European Federation of Pharmaceutical Industries and Associations
EFR	Enhanced Full Rate (Vocoder)
EFRC	Energy Frontier Research Center
EFRE	Europäischer Fonds für regionale Entwicklung
EFS	Electric Field Sensing
EFS	Elektronische Flugstreifen (Flugsicherung)
EFSA	[Europäische Behörde für Lebensmittelsicherheit/European authority for food reliability]
EFT	Effective Field Theory (Kernphysik/nuclear physics)
EFTA	European Free Trade Association (NO, SE, FI, IS, CH, AT, FL)
EG	Ägypten/Egypt (ISO 3166)
EGA	Éléments de Géométrie Algébrique
EGA	Enhanced Graphics Adapter
EGA	Entwicklungsgesellschaft Adlershof
EGEE	Enabling Grid for E-Science in Europe
EGF	Epidermal Growth Factor
EGG	Electroglottography
EGG	Electronics Goes Green (conference series)
EGG	Energetics, Gestation, Growth (theory, concerning pregnancy)
EGI, EGI.eu	European Grid Initiative (or: Infrastructure) (seit/since 2010)
eGK	elektronische Gesundheitskarte
EGK	Europäisches Graduiertenkolleg
EGK	Extended Gate Keeper (Telekommunikation/telecommunication)
EGM	Extraordinary General Meeting
EGMR	Europäischer Gerichtshof für Menschenrechte
EGNOS	European Geostationary Navigation Overlay Satellite System (or: Service) (Satellitennavigation/satellite navigation)
EGO	European Gravitational Observatory (Pisa, IT)
EGP	Electronic Program Guide
EGP	Exterior Gateway Protocol (Telekommunikation/telecommunication)

EGPRS	Enhanced GPRS
EGRET	Energetic Gamma-Ray Experiment Telescope
EGS	Enhanced Geothermal System
EGS	European Geophysical Society
EGSK	eGovernment Starter Kit (Microsoft)
E-GSM	Extended Global System for Mobile Communication (Telekommunikation/telecommunication)
EGT	European Geographical Technologies
EGU	European Geophysics Union
EGW	Edge Gateway
eGY	Electronic Geophysical Year (geplanter Nachfolger des IGY/planned successor of the IGY)
EH	Westsahara/Western Sahara (früher Spanisch-Sahara/former Spanish Sahara) (ISO 3166)
EHA	elektrohydrostatischer Aktor
EHB	Elly Hölterhoff-Böcking-Stiftung
EHEA	European Higher Education Area
EHEC	enterohämorrhagische Escherichia coli
EHESS	Enhanced Higher Education Supply Service
EHF	Extra High Frequency (30 – 300 GHz)
E-HICH	Enhanced Uplink HARQ Indicator Channel
EHL	extragalaktisches Hintergrundlicht
EHRD	Education and Human Resources Development (University of Michigan, USA)
EHS	Environment, Health, and Safety
EHS	Environment and Human Security
EHT	Event Horizon Telescope/Ereignishorizont-Teleskop
EI	Electron Impact (Massenspektrometer/mass spectrometer)
EI	Engineering Information (Datenbank/data bank, Westbury, NY, USA)
EIA	Electronics Industries Association (or: Alliance)
EIA	Energy Information Administration (USA)
EIB	European Installation Bus (Haustechnik/domestic technology)
EIB	European Investment Bank
EIBA	European Installation Bus Association
EiC	Editor in Chief
EIC	Electron Induced Conduction
EIC	Euro Info Centre
EICTA	European Information and Communication Technology Industry Association
EID	Electronic Identification of Containers
EIGRP	Enhanced Interior Gateway Routing Protocol (Telekommunikation/telecommunication)
EIN	Equivalent Input Noise
EIP	Early Implementation Program
EIPBN	[International Conference on] Electron, Ion, and Photon Beam Technology and Nanofabrication
EIR	Entrepreneurs-in-Residence (US program)
EIR	Excessive Information Rate (Telekommunikation/telecommunication)
e-IRG	e-Infrastructure Reflection Group (zur gemeinsamen Nutzung verteilter elektronischer Ressourcen/for the shared use of distributed electronic resources)
EIRO	European Intergovernmental Research Organisations
EIRP	Effective (or: Equivalent) Isotropic Radiated Power (Satelliten/satellites)
EIS	Effective Isotropic Sensitivity (Telekommunikation/telecommunication)
EIS	Environmental Impact Statement
EIS	Executive Information Service (Telekommunikation/telecommunication)
EISA	Energy Independence and Security Act (USA 2007)
EISA	Extended Industry Standard Architecture
EISCAT	European Incoherent Scatter Scientific Association
EISL	Effektive isotrope Strahlungsleistung
EISS	Europäisches Institut für Systemsicherheit
EIT	Electromagnetically Induced Transparency, elektromagnetisch induzierte Transparenz
EIT	Elektrische Impedanz-Tomographie
EIT	European Institute of (Innovation and) Technology (Budapest, HU)
EIT	Event Information Table (Telekommunikation/telecommunication)
EIT	Extreme-Ultraviolet Imaging Telescope (an Bord von/aboard SOHO)
EITC	European Information Technology Conference
EITO	European Information Technology Observatory
EJ	Exajoule (= 10 <sup>18</sup> Joule)
EJB	Enterprise Java Beans (Telekommunikation/telecommunication)
EJMC	EUROBALL Joint Management Committee
EJME	Enhanced Journals ... Made Easy (open access publishing project)
EJS	Easy Java Simulation (programming environment)
EJSM	Europe Jupiter System Mission (ESA-NASA project, planned for about 2020)
EKA	Expositions-Äquivalent für krebserzeugende Arbeitsstoffe
EKB	Egyptian Knowledge Bank
EKBO	Edgeworth-Kuiper Belt Object (Astronomie/astronomy)
EKF	Extended Kalman Filter
EKG	Elektrokardiogramm (-graphie)
EKGS	Europäische Gemeinschaft für Kohle und Stahl
EKS	[Fraunhofer-] Einrichtung für Systeme der Kommunikationstechnik (München)
EKU	Eastern Kentucky University
EKV	→ VDI-EKV
EL	Echo Loss (Telekommunikation/telecommunication)
EL	Electroluminescence, Elektrolumineszenz
EL	Esslöffel (in Rezepten)

ELA	Elektroakustik
ELA	l'Ensemble de Lancement Ariane (Weltraumbahnhof Kourou, GY)
ELAG	European Library Automation Group
E-LAN	Ethernet LAN Services
ELAP	Environmental Laboratory Accreditation Program (US DoD)
ELBE	Elektronenbeschleuniger hoher Brillanz und geringer Emittanz (FZR, Rossendorf)
ELCAT	Electrocatalytic Gas-Phase Conservation of CO <sub>2</sub> in Confined Catalysts (EU 2004–2008, IT-FR-DE-GR)
ELDA	Evaluation and Languages Resources Distribution Agency
ELDEWAS	Early Landslide Detection and Warning System
ELDO	European Launcher Development Organization (Raumfahrt/spacecraft)
ELE	l'Ensemble de Lancement Europa (Weltraumbahnhof Kourou, GY)
ELEANNE	Efficient Learning Algorithm for Neural Networks
ELENA	Extra Low Energy Antiproton Ring (CERN)
ELF	Extremely Low Frequency (0,3 – 3 kHz)
ELFE	Electron Laboratory for Europe
ELFICOM	Elektronische Fachinformation und Kommunikation
ELGRA	European Low-Gravity Research Association
ELI	Eurocell Library and Interfaces
ELI	European Laser Institute (Aachen, DE, seit/since 2003)
ELI	Extreme Light Infrastructure (European project)
ELI	Extreme Light Intensity (short-pulse laser, planned for 2015)
Elinas	Erlanger Zentrum für Literatur- und Naturwissenschaften
E-LINE	Ethernet Line Services
ELINT	Electronic Intelligence
ELISA	Enzyme-Linked Immunosorbent Assay
eLISA	European Laser Interferometer Space Antenna
ELITE	European Laboratory for Intelligent Techniques Engineering (Aachen, DE)
ELM	Element Layer Management (Telekommunikation/telecommunication)
ELM	Event and Log Management (Telekommunikation/telecommunication)
ELMF	European Large Magnetic Field Facility
ELN	Electronic Lab(oratory) Notebook
ELOG	Epitaxially Laterally Overgrown
ELP	Enterprise Laboratory Platform
ELROB	European Land-Robot Trial
ELS	(-Modell/model) nach/after [Olin] Eggen, [Donald] Lynden-Bell und/and [Allan] Sandage (Astronomie/astronomy)
ELS	Egyptian Learning Society
ELS	l'Ensemble de Lancement Soyuz (Weltraumbahnhof Kourou, GY)
ELSA	Elektron-Stretcher-Anlage
ELSD	Evaporative Light-Scattering Detector
ELSI	Ethical, Legal and Social Issues
ELSTAM	Elektronische Lohnsteuerabzugsmerkmale
ELSTER	elektronische Steuererklärung
ELT	Extremely Large Telescope (planned for 2018)
ELU	Enhanced Learning Unlimited (EU project)
EM	Editorial Manager (e.g., JASA)
EM	Environmental Management (or: Monitoring)
EMA	elektromechanischer Aktor
EMA	European Medicines Agency, Europäische Arzneimittelagentur
EMA	Experimental Modal Analysis, Experimentelle Modalanalyse
EMAC	Ethernet Media Access Controller
E-Mail	Electronic Mail
E-MAN	Ethernet Metropolitan Area Network (Telekommunikation/telecommunication)
EMANI	Electronic Mathematics Archives Network Initiative (seit/since 2002)
EMB	[Fraunhofer-] Einrichtung für Marine Biologie (Lübeck)
EMBASSI	Elektronische Multimediale Bedien- und Service-Assistenz
EMBL	Europäisches Molekularbiologisches Laboratorium, European Molecular Biology Laboratory (Heidelberg, DE)
eMBMS	Enhanced (or: Evolved) Multimedia Broadcast Multicast Service (Telekommunikation/telecommunication)
EMBO	European Molecular Biology Organization (Heidelberg, DE)
EMC	Electro-Magnetic Chamber
EMC	Electromagnetic Compatibility (= EMV)
EMC	Electron Microscopy Center (Argonne National Laboratory, USA)
EMC	European Muon Collaboration
EMCCD	Electron Multiplying Charge-Coupled Device (optischer Sensor/optical sensor)
EMD	Electronic Music Distribution
EMEA	Europe, Middle East and Africa
EMERGE	Emergency Monitoring Prevention (EU project)
EMER-T	Emergency Mobility of Rescue Forces and Regular Traffic (DLR)
EMF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
EMF	Electromagnetic Field, elektromagnetisches Feld
EMF	European Multimedia Forum
EMFT	[Fraunhofer-] Einrichtung für Modulare Festkörpertechnologien (München)
EMG	Electro-Optical Materials Group (University of Toronto, ON, CA)
EMG	Electromyogram, Electromyography
EMH	Electromotor (or: Electric Motor)-HIL (Hardware-in-the-Loop)
EMI	Electromagnetic Induction
EMI	Electromagnetic Interference (Telekommunikation/telecommunication)
EMI	Engineering Mechanics Institute (ASCE)
EMI	Ernst-Mach-Institut (Fraunhofer-Institut für Kurzzeitdynamik, Freiburg)



EMILY	Emergency Integrated Lifesaving Lanyard (ONR)
EMIME	Effective Multilingual Interaction in Mobile Environments
EMIS	The European Mathematical Information Service
EML	Electro-Absorption Modulated Laser (optische Telekommunikation/optical telecommunication)
EML	Elektromagnetischer Levitator (auf der ISS)
EML	Element Management Layer (Telekommunikation/telecommunication)
EML	European Media Laboratory (Heidelberg, DE)
EMLACS	Efficient Manufacturing of Laser Assisted Cold-Sprayed Components
EMM	Entitlement Management Message (Telekommunikation/telecommunication)
EMM	EPS Mobility Management (Telekommunikation/telecommunication)
EMM	Experimental & Molecular Medicine (a journal)
EMMA	European Airport Movement Management by A-SMGCS (Flughafen-Bodenverkehr/airport ground traffic)
EMMI	Electrical Man Machine Interface
EMMI	ESA Multi-Mode Instrument
EMMI	Extreme Matter Institute (Darmstadt, DE)
EMP	Electromagnetic Pulse
EMP	Embedded-Media Processor (Datenverarbeitung/data processing)
EMPA	Eidgenössische Materialprüfungs- und Forschungsanstalt (Dübendorf, CH)
EMPD	[International Conference on] Energy Management and Power Delivery
EMPS	European Mobility Scheme for Physics Students (EPS)
EMR	Electromagnetic Relay
EMR	Electron Magnetic Resonance
EMR	Electronic Medical Record
EMR	Enhanced Measurement Report
EMR	Extraordinary Magnetoresistance
EMRC	European Medical Research Council
EMRP	European Metrology Research Programme
EMRS	Electromagnetic Remote Sensing
EMS	Electrified Monorail System
EMS	Electromagnetic Susceptibility (Telekommunikation/telecommunication)
EMS	Electromechanical Suspension System
EMS	Electronic Manufacturing Service
EMS	Electronic Meeting System
EMS	Element Management System (Internet)
EMS	Engineering Management System
EMS	European Mathematical Society
EMSA	European Maritime Safety Agency
EMSec	Echtzeitdienste für die maritime Sicherheit – Security (DLR)
EMSL	Environmental Molecular Sciences Laboratory (PNNL, USA)
EMSTP	European Medical Scientific Training Program
EMT	Electromagnetic Transient
EMT	Emergency Medical Technician
EMV	Elektromagnetische Verträglichkeit (= EMC)
EMVG	Gesetz über die elektromagnetische Verträglichkeit von Geräten
EMVU	Elektromagnetische Umweltverträglichkeit
EN	Europa-Norm, Europäische Norm (CENELEC)
ENAC	European Network and Applications Center
ENAS	[Fraunhofer-] Einrichtung (oder: -Institut) für Elektronische Nanosysteme (Paderborn und Chemnitz)
ENBIS	European Network for Business and Industrial Statistics
EnBW	Energie Baden-Württemberg AG
END	Environmental (European) Noise Directive
ENES	European Network for Earth System Modelling
EnEV	Energieeinsparverordnung (seit/since 2007)
ENF	Equivalent Noise Floor (Telekommunikation/telecommunication)
ENI	Ethernet Network Interface (Telekommunikation/telecommunication)
ENI	Europäisches Neurowissenschaftliches Institut
ENIAC	Electronic Numerical Integrator and Computer (Univ. of Pennsylvania, USA 1945)
ENIAC	European Nanoelectronics Initiative Advisory Council
ENI(-G)	European Neuroscience Institute (in Göttingen, DE)
ENLIGHT	Enhanced Lightweight Design (EU project)
ENM	Environmental Noise Management
EnMAP	Environmental Mapping and Analysis Program(me) (EOMAP and DLR)
ENNAH	European Network on Noise and Health
ENO	Essentially Non-Oscillatory (numerische Rechenverfahren/numerical computing)
ENS	Ecole Normale Supérieure (Paris, FR)
ENSEEIH	Ecole Nationale Supérieure d'Electrotechnique, d'Electronique, d'Informatique, d'Hydraulique et des Télécommunications (Toulouse, FR)
ENSIEG	Ecole Nationale Supérieure d'Ingénieurs Electriciens de Grenoble
ENSO	El Niño Southern Oscillation (Klima/climate)
ENST	Ecole Nationale Supérieure des Télécommunications (Paris, FR)
ENSTA	Ecole Nationale Supérieure des Techniques Avancées (Paris, FR)
ENT	Ear, Nose and Throat (= HNO)
ENT	Elektrische Nachrichtentechnik (Zeitschrift)
ENTIRE	European Network on Transport Innovation for the Rational Use of Energy
ENTRANCE	Energy Savings in Transport through Innovation in the Cities of Europe
ENTRANZE	[Politics to] Enforce the Transition to Nearly Zero Energy Buildings in Europe (EU project)
ENVI	Environment for Visualizing Images
:envihab	Environment Habitat (DLR: medizinische Forschungsanlage, Köln, 2011 im Bau)

ENVISAT	(Europäischer Umweltsatellit, ab 1.3.2002/European environment satellite, since March 1, 2002)
ENWISE	Enlarge Women in the East (Working group, European Commission, since 2003)
ENX	European Network Exchange (Telekommunikation/telecommunication)
ENV	Envelope
EO	Earth Observation (Satelliten/satellites)
EO	Electro-Optical (Effects or Sensors)
EOAE	evozierte otoakustische Emissionen
EOC	Earth Observation Center (DLR, Neustrelitz)
E-OCVM	European Operational Concept Validation Methodology (Flugverkehr/air traffic)
EOD	e-Books on Demand
EOE	Equal Opportunity Employer
EOF	Empirical Orthogonal Function
EOF	End of File
EOG	Elektrooculogramm, Electrooculogram
EOL	End of Life
EOMAP	Earth Observation and Mapping
EoMPLS	Ethernet over MPLS
EON	Enhanced Other Network (Telekommunikation/telecommunication)
EOP	Earth Observation Programmes
EORTC	European Organization for Research and Treatment of Cancer
EOS	Earth Observing System (or: Satellite) (NASA)
EOS	Earth, Oceans, and Space (Institute, New Hampshire, USA)
EOS	Electrical Overstress
EOS	Equation of State
EOS	European Optical Society
EOSAM	European Optical Society Annual Meeting
EOSDIS	Earth Observing System Data Information System
EOT	Energy Optimized Tyre
EOTC	European Organization for Testing and Certification
EOTD	Enhanced Observed Time Difference (Telekommunikation/telecommunication)
E-OTDR	Extended Optical Time Domain Reflectometry
EOU	Ease-of-Use
EO2Heaven	Earth Observation and Environmental Modelling for the Mitigation of Health Risks (EU project)
EP	Europäisches Parlament
EP	Executive Plan
EPA	Eicosapentaensäure (Omega-3-Fettsäure)
ePA	elektronische Patientenakte
ePA	elektronischer Personalausweis
EPA	Environment(al) Protection Agency (in vielen Ländern/in many countries)
EPA	Europäisches Patentamt (München)
EPA	European Pressphoto Agency
EPAA	European Partnership on Alternative Approaches to Animal Testing
EPAD	Electronically Programmable Analog Device
EPAS	Electronic Power Assisted Steering (Kfz/motor vehicle)
EPB	Electric Power Boost (Kfz/motor vehicle)
EPB	Electronic Parking Brake, elektronische Parkbremse
EPBD	Energy Performance of Buildings Directive (EU-Richtlinie)
EPC	Electronic Power Conditioner
EPC	Electronic Product Code (in the RFID)
EPC	Enhanced Packet Core
EPC	Enhanced Power Control (Kfz/automobile)
EPC	European Payments Council
EPC	European Publishers Council
EpCAM	Epithelial Cell Adhesion Molecule
EPCC	Edinburgh Parallel Computing (or: Compute) Centre (Scotland)
EPCCGU	Estación Polar Científica Conjunta Glaciar Unión
EPD	Environmental Product Declarations
EPDB	European Energy Performance of Buildings Directive
EPDC	Electronics Product Development Centre (Philippinen)
ePDG	Evolved Packet Data Gateway
EPEA	Environmental Protection Encouragement Agency
EPEAT	Electronic Product Environmental Assessment Tool
EPFD	Equivalent Power Flux Density (Telekommunikation/telecommunication)
EPFL	Ecole Polytechnique Fédérale de Lausanne
EPG	Electronic Program(ming) Guide (Digitalrundfunk/digital broadcast)
EPHY	Ethernet Physical Transceiver
EPI	Eastern Pacific Investigations of Climate
EPI	Echo Planar Imaging (MRI)
EPIA	European Photovoltaic Industry Association
EPIC	Electronic and Photonic Integrated Circuits
EPIC	Electronic Privacy Information Center (Bürgerrechtsgruppe)
EPIC	European Photon Imaging Camera (XMM)
EPIC	European Photonics Industry Consortium
EPIC	European Prospective Investigation into Cancer and Nutrition Study
EPICA	European Project for Ice Coring in Antarctica
EPiQS	Emergent Phenomena in Quantum Systems
EPL	Ethernet Private Line
EPL	Europhysics Letters

EPLA	European Patent Litigation Agreement
EPNER	Ecole du Personnel Navigant d'Essai et de Reception
EPNL	Effective Perceived Noise Level
EPO	Education and Public Outreach (University of Oregon, USA, Physics Department)
EPO	Erythropoietin
EPO	European Patent Office (München, DE)
EPON	Ethernet Passive Optical Network (Telekommunikation/telecommunication)
EPOS	European Plate Observing System
EPOS	European Proximity Operations Simulator (DLR Oberpfaffenhoven, Satelliten-Reparatur)
EPOS	European PTT Open Learning Service
EPRO	European and Mediterranean Plant Protection Organization
EPR	Einstein-Podolsky-Rosen(-Paradoxon/paradox)
EPR	Electron Paramagnetic Resonance
EPR	Enhanced Permeability and Retention (effect)
EPR	European Pressurised Water Reactor (Kernreaktor, geplant für/nuclear reactor, planned for 2011 in Finland)
EPRE	Energy per Resource Element (Telekommunikation/telecommunication)
EPRI	Electron Parametric Resonance Imaging
EPRINT	Electronic Print Server for Research Information on Natural Science and Technology
EPROM	Erasable Programmable Read-Only Memory
EPS	Earth, Planets and Space (Journal)
EPS	Encapsulated Postscript [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
EPS	Electronic Power Steering (Kfz/motor vehicle)
EPS	Elektropneumatische Schaltung (Kfz/motor vehicle)
EPS	Encapsulated Postscript
EPS	Eumetsat Polar System
EPS	European Physical Society
EPS	European Polar Satellite
EPS	Evolved Packet System (Telekommunikation/telecommunication)
EPS	Expandierter Polystyrol-Hartschaum (zur Wärmedämmung)
EPSC	European Planetary Science Congress
EPSC	Excitatory Postsynaptic Conductance (Neurologie/neurology)
epSOS	Smart Open Services for European Patients
EPSRC	Engineering and Physical Sciences Research Council (UK)
EPTA	European Pulsar Timing Array (Astrophysik/astrophysics)
EPU	End-of-Pipe-Umweltschutz
EPÜ	Europäisches Patentübereinkommen
EPWS	European Platform of Women Scientists
EPXMA	Electron Probe X-Ray Microanalysis
EQ	Enzephalisationsquotient (Hirnforschung/brain research)
EQE	External Quantum Efficiency (e.g., of solar cells)
EQEC	European Quantum Electronics Conference
eQtv	e-Qualifikations-TV (für den Mittelstand/qualification for the middle class)
EQUIP	Equality in Publishing
ER	Edge Router (Telekommunikation/telecommunication)
ER	Eritrea (ISO 3166)
ER	Event Reporting
ER	Extinction Ratio
ERA	Eigensystem Realization Algorithm
ERA	European Research Area
ERA	Excellence in Research for Australia
ERAB	European Research Area Board
ERAM	Electronic Research Archive for Mathematics (DFG project)
ERASMUS	European Community Action Scheme for the Mobility of University Students
ERATO	Etude d'un Rotor Aéroacoustique Technologiquement Optimale
ERATO	Exploratory Research for Advanced Technology Program (JRDC)
ERB	Equivalent Rectangular Bandwidth (hearing research)
ERBE	Earth Radiation Budget Experiment (Klimaforschung/climate research)
ERBS	Earth Radiation Budget Satellite
ERC	Engineering Research Center
ER-C	Ernst Ruska-Centrum (FZJ)
ERC	European Research Council (Bruxelles, BE)
ERCIM	European Research Consortium for Informatics and Mathematics
ERCOFTAC	European Research Community on Flow, Turbulence and Combustion
ERCOT	Electric Reliability Council of Texas (USA)
ERDA	US Energy Research and Development Administration
ERDF	European Regional Development Fund
ERE	Energy Reuse Effectiveness
ERES	ESA Rams Expert System (Software)
ERF	Electrorheological Fluid
E-RGCH	Enhanced [Uplink] Relative Grant Channel
ERGO	European Research Gateways On-Line
ERIC	European Research Infrastructure Consortium
ERIS	External Region Integrity System (Galileo)
ERISA	European Regional Information Society Association
ERL	Energy Recovery Linac (CLASSE)
ER&L	Electronic Resources & Libraries (Conference series)
ERLE	Echo Return Loss Enhancement
ERM	Earth Resource Mapping

ERM	e-Resource Management
ERNE	Energetic and Relativistic Nuclei and Electron Experiment (an Bord von/aboard SOHO)
ERO	European Research Office (of US Army, in London, GB)
ERO	Explicit Route Object (Telekommunikation/telecommunication)
EROS	Earth Resources Observation System
eRosita	Extended Roentgen Survey with an Imaging Telescope Array (Röntgenteleskop/X-ray telescope)
ERP	Effective Radiation (or: Radiated) Power (Sender/transmitter)
ERP	Energy Resource Planning
ERP	Enterprise Resource Planning
ERP	Event-Related Potential (Neurologie/Neuroscience)
ERS	European Remote Sensing Satellite
ERSAP	European Road Safety Action Programme
ErSE	Earth Sciences and Engineering (KAUST)
ERSI	Environment and Remote Sensing Institute (Harare, Simbabwe)
ERT	External Review Committee
ERTMS	European Rail Transport Management System (Eisenbahntechnik/railway technology)
ertPS	Enhanced Real-Time Packet Service (Telekommunikation/telecommunication)
ERTRAC	European Road Transport Research Advisory Council
ERV	Earth Return Vehicle (bemannte Raumfahrt/manned spacecraft)
ES	Embryonale Stammzelle
ES	Expert System
ES	Spanien/Spain (ISO 3166)
ESA	Endangered Species Act (USA)
ESA/ASE	European Space Agency / Agence spatiale européenne
ESA BIC	ESA Business Incubation Center
ESAC	Efficiency and Standards for Article Charges (open access literature)
ESAU	Electronic Subscriber Access Unit (Telekommunikation/telecommunication)
ESB	Environmental Specimen Bank
ESC	Elektronisches Stabilisierungsprogramm (Kfz)
ESC	European Society of Cardiology
ESCA	Electron Spectroscopy for Chemical Analysis
ESCA	European Speech Communication Association
ESCHILO	Esperimento di Schermatura in Low Orbit (Raumfahrt, Schirmungsexperiment/spacecraft, shielding experiment)
ESCON	Enterprise Systems Connections (Telekommunikation/telecommunication)
ESCOPE	Ecole de Chimie, Physique et Electronique (Lyon, FR)
ESCU	Enhanced Services Control Unit (Telekommunikation/telecommunication)
ESD	Electrostatic Discharge
ESD	Expert System Development
ESDA	Engineering Systems Design and Analysis (ASME, Biennial Conference Series)
ESDA	Electronic Systems Design Automation
ESDAC	European Soil Data Centre
ESDIAD	Electron-Stimulated Desorption Ion Angular Distribution
ESDM	Early Start Denver Model (Autismus-Therapie)
ESE	Exonic Splicing Enhancer (Genetik/genetics)
ESE	Expo-Sciences Europe (Annual Exhibition and Meeting)
ESF	EUREKA Software Factory
ESF	European Science Foundation (seit/since 1974)
ESFRI	European Strategy Forum on Research Infrastructures
ESG	Electronic Service Guide (Telekommunikation/telecommunication)
ESG	Enterprise Strategy Group
ESG	Evangelische Studierenden-Gemeinde
esh	equivalent sun hours (Bestrahlungsstärke)
ESI	Elektronenspray-Ionisation
eSI	elektronischer Sicherheitsinspektor
ESIME	Escuela Superior de Ingeniería Mecánica y Eléctrica (Mexico City)
ESIU	Environmental and Spatial Informatics Unit (of SEPA)
ESK	[Fraunhofer-] Institut für Eingebettete Systeme und Kommunikationstechnik (München)
ESL	ESA Simulation Language (Software)
ES-Laser	Eckige-Schraube-Laser
ESM	Electrochemical Strain Microscopy
ESM	Embedded Server Module
ESM	Europäischer Stabilitätsmechanismus
ESMF	Earth System Modelling Framework
E-SMF	Enhanced SMF
ESMT	European School of Management and Technology (Berlin, DE)
ESMVal	Earth System Model Validation (DLR-Messkampagne)
ESNC	European Satellite Navigation Competition
ESnet	Energy Science Network
ESO	ESSI Service Organization
ESO	European Southern Observatory, Europäische Organisation für astronomische Forschung in der südlichen Hemisphäre (Garching)
ESOC	European Space Operations Centre (Darmstadt, DE)
ESOF	Euro(pean) Science Open Forum
ESOFTA	Embedded Software Association
ESONE	[Committee for] European Studies on Norms for Electronics
ESOPS	European Symposium on Polymer Spectroscopy
ESP	Electronic Stability Program, elektronisches Stabilitätsprogramm (Kfz/motor vehicle)
ESP	Embedded Signal Processing (Telekommunikation/telecommunication)

ESP	Equal-Spin-Pairing (superconductivity)
ESP	Extrasensory Perception
ESPCI	Ecole Supérieure de Physique et de Chimie Industrielles [de la Ville de Paris]
ESPI	Electronic Speckle Pattern Interferometry
ESPI	European Space Policy Institute
ESPON	European Spatial Planning Observation Network
ESPRI	Elektronenspringstrahlanlage
ESPRIT	Estimation of Signal Parameters via Rotational Invariance Techniques
ESPRIT	European Strategic Programme for Research and Development in Information Technology
ESR	Electrical Substitution Radiometer
ESR	Electron Spin Resonance, Elektronenspinresonanz
ESR	Experimentier-Speicher-Ring (bei der/at the GSI, Darmstadt)
ESRAB	European Security Research Advisory Board
ESRANGE	European Space Range (SE)
ESRF	European Synchrotron Radiation Facility (Grenoble, FR)
ESRIF	European Security Research and Innovation Forum (since September 2008)
ESRIN	European Space Research Institute
ESRL	Earth System Research Laboratory (at NOAA)
ESRO	European Space Research Organization
ESS	Earth and Space Science
ESS	Earth System Science
ESS	Electro-Seismic Signals (für Erbebenvorhersage/for earthquake forecast)
ESS	Ethernet Service Switch
ESS	European Spallation Source (Jülich, DE, and Lund, Sweden)
ESSA	Every Student Succeeds Act (USA)
ESSC	Earth Systems Science (research program, Chinese University of Hong Kong)
ESSCIRC	European Solid-State Circuit Conference
ESSI	European Software and Systems Initiative
ESSIC	Earth System Science Interdisciplinary Center (University of Maryland, USA)
ESSID	Extended Service Set Identifier (Telekommunikation/telecommunication)
ESSL	European Severe Storms Laboratory
EST	Eastern Standard Time (Zeitzone/time zone, USA, GMT−5)
EST	European Solar Telescope (geplant/planned)
EST	Expressed Sequence Tags (Genetik/genetics)
ESTA	European Science and Technology Assembly
ESTB	EGNOS System Test Bed
ESTEC	European Space Research and Technology Centre (Noordwijk, NL)
EST&H	Environment, Science, Technology, and Health
ESTO	European Science and Technology Observatory (EC)
ESTW	Elektronisches Stellwerk (Eisenbahntechnik/railway technology)
ESWD	[Europäische Umwelt-Datenbank] (ESSL)
ESWL	Extracorporeal Shockwave Lithotripsy
E.T.	Einstein [Gravitational Wave] Telescope
ET	Äthiopien/Ethiopia (ISO 3166)
ET	Envelope Tracking (Hüllkurvendetektor) (Telekommunikation/telecommunication)
ET	Ephemeris Time (since 1960, later on: TT)
ET	Extended Transmission (filter)
ETACS	European Total Access Communication System
ETAI	European Technology Assessment Infrastructure (EC)
ETAN	European Technology Assessment Network (EC)
ETANN	Electrically Trainable Artificial Neural Network
ETAP	Environmental Technology Action Plan (EU)
ETBE	Ethyl-tert-butylether
ETC	Electronic Toll Collection System (Einzugssystem für Mautgebühren)
ETC	[Action Group on] Erosion, Technology and Concentration (CA)
ETC	Executable Test Case (Telekommunikation/telecommunication)
ETCS	European Train Control System (Eisenbahntechnik/railway technology)
ETD	Electronic Tuning Device
ETD	Eye Tracking Device
ETDM	Electric(al) (or: Electronic) Time Division Multiplexing (optische Telekommunikation/optical telecommunication)
ETECAL	Electronically Tunable External Cavity Laser Diode
ETFE	Ethylen-Tetrafluorethylen
ETG	European Tripartite Group
ETH	Ethernet
ETHOS	Electronic Theses Online Service
ETHOS	Engineers in Technical and Humanitarian Opportunities of Service
ETH(Z)	Eidgenössische Technische Hochschule (Zürich, CH)
ETI	Electrotechnology Industry Database
ETI	Ensemble Transport Interface (Telekommunikation/telecommunication)
ETI	European Teraflops Initiative
ETIC	Europäisches Technologie- und Innovations-Centrum (Kaiserslautern)
eTIN	Electronic Taxpayer Identification Number
ETLA	Extended Three-Letter Acronyms
ETLS	Extended Least Squares (Algorithmus/algorithm)
ETM	Enhanced Turbulence Modelling
ETMS	Enterprise Translational Medicine Solution
ETO	Engineering to Order
ETP	European Technology Platform

ETP-SMR	European Technology Platform on Sustainable Mineral Resources
ETPS	Empire Test Pilots' School (GB)
ETP4HTP	European Technology Platform for High Performance Computing
ETR	Extended Temperature Range
ETS	Ecole de Technologie Supérieure (CA)
ETS	Educational Testing Service (Princeton, NJ, USA)
ETS	Emission Trading Scheme (Umweltschutz, Emissionshandel/environment conservation, emission trade)
ETS	Episodic Tremor and Slip (plate tectonics)
ETS	European Test Services (bei/at ESTEC)
ETS	Executable Test Suite (Telekommunikation/telecommunication)
ETSI	European Telecommunications Standards Institute (seit/since 1988)
ETSPL	Equivalent Threshold Sound Pressure Level
ETUCE	European Trade Union Committee for Education
ETW	Europäischer Transsonischer (Transschall-)Windkanal, European Transonic Windtunnel (Köln)
ETZ, etz	Elektrotechnische Zeitschrift
EU	European Union; Europäische Union
EUA	European Union Allowance (Umweltschutz, Emissionshandel/environment conservation, emission trade)
EUC	End User Computing
EUCAS	European Conference on Applied Superconductivity/Europäische Konferenz zur Angewandten Supraleitung
EUCD	European Union Copyright Directive
EUCLIPSE	European Cloud Intercomparison, Process Study and Evaluation Project (climate research)
EU COST	European Cooperation in Science and Technology
EUCOR	Europäische Konföderation der Oberrheinischen Universitäten
Eu:CROPIS	Euglena and Confined Regenerative Organic-Food Production in Space (DLR project)
EUCYS	European Union Contest for Young Scientists
EUDAT	European Data Project
EU-DEEP	European Distributed Energy Partnership
EUFAR	European Fleet for Airborne Research
EUFOR	European Union Force (seit 21.12.2004/since Dec. 21, 2004, vorher/formerly: SFOR)
EuGH	Europäischer Gerichtshof
EUL	Enhanced Uplink
EuMEA	Europe, Middle East, and Asia
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
EUNEFRON	European Network for the Study of Orphan Nephropathies
EUNET	European Unix Network
EUPEN	European Physics Education Network (EPS)
EUPL	European Union Public Licence
EUPRO	European Union of Physics Research Organizations
EURAB	European Research Advisory Board
EURASIP	European Association for Signal, Speech and Image Processing
EURATOM	European Atomic Energy Community
EURCA	European Resource Centre for Alternatives in Higher Education
EURECA	European Retrievable Carrier (europäisches Weltraumlabor/European space laboratory)
EUREKA	European Research Coordination Agency
EURIBOR	Euro Interbank Offered Rate (Bankgeschäfte)
EuroAce	European Alliance of Companies for Energy Efficiency in Buildings
EUROCAE	European Organisation for Civil Aviation Equipment
EUROCARE	European Cancer Registry-Based Study on Survival and Care of Cancer Patients
EUROCONTROL	[Europäische Organisation für die Sicherheit im Flugverkehr/European Organisation for the Safety of Air Navigation]
EUROGENE	European Renal Genome Project
EUROGI	European Umbrella Organization for Geo Information
EuroHORCs	European Union Research Organisations – Heads of Research Councils
EUROMAR	[Überwachung und Schutz der europäischen Meere/monitoring and protection of European seas]
EUROMAT	European Congress on Advanced Materials and Processes
Euro mech	European Mechanics Colloquium
EUROMET	European Collaboration on Measurement Standards, European Metrology Organization
Euro-NCAP	European New Car Assessment Program
EuroNGI	European Next Generation Internet
EUROSCIENCE	A European Association for the Promotion of Science and Technology
EUROSOLAR	[Europäische Vereinigung für Erneuerbare Energien/European union for renewable energies]
EUROTRAC	[Erfassung von Schadstoffen in der Troposphäre/monitoring of pollutants in the troposphere]
EURYI	European Young Investigator (Award, given by the European Science Foundation)
EUSCEA	European Science Events Association
EUSIPCO	European Signal Processing Conference
EUSIS	European Soil Information System
EUSO	Extreme Universe Space Observatory (neutrino detector)
EUT	Equipment Under Test
Eutelsat	European Telecommunications Satellite Organization
EUTRA	Evolved UMTS Terrestrial Radio Access
EUTRAN	Evolved Universal Terrestrial Radio Access Network (Telekommunikation/telecommunication)
EUV	Extreme Ultraviolet, Extremes Ultraviolet ( $\lambda \leq 912 \text{ \AA}$ , Lyman-Kante/Lyman edge)
EUVE	Extreme Ultraviolet Explorer (Satellit/satellite)
EUVL	Extreme Ultraviolet Lithography, EUV-Lithographie
e.V.	eingetragener Verein
EV	Electric Vehicle
EV	Enhanced Voice Packet (Telekommunikation/telecommunication)
EVA	Economic Value Add
EVA	Extravehicular Activity

eVADER	Electric Vehicle Alert for Detection and Emergency Response (EU project)
EVC	Electronic Valve Control (Kfz-Technik/internal combustion engine)
EVC	Ethernet Virtual Connection (or: Circuit)
EVC	European Vital Computer (Eisenbahntechnik/railway technology)
EVCAM	European Centre for the Validation of Alternative Methods
EVER	European Association for Vision and Eye Research
EVG	Elektronisches Vorschaltgerät
EVM	Error Vector Magnitude (Telekommunikation/telecommunication)
EVN	European VLBI Network
EvoDevo	Evolutionary Developmental Biology, evolutionäre Entwicklungsbiologie
EVOH	Ethylen-Vinylalkohol-Copolymer
EVOP	Evolutionary Operation
EVPL	Ethernet Virtual Private Line
EVPLAN	Ethernet Virtual Private LAN
EVR	Eigenvalue Ratio
EVREST	Evoked Response Study Tool
EVS	Energieversorgungssystem (Satellit/satellite)
EVS	Enhanced Voice Service
EVTS	Enhanced VFR Transport System (VFR: Visual Flight Rules)
EVU	Energieversorgungsunternehmen (früher/formerly: Elektrizitätsversorgungsunternehmen)
EWB	Einwegbehälter
EWB	Electronic Wedge Brake (für Autos/for cars)
EWBS	Emergency Warning Broadcasting System
EWEA	European Wind Energy Association
EWelINE	Erstellung innovativer Wetter- und Leistungsprognosemodelle für die Netzintegration wetterabhängiger Energieträger
EWf	European Federation for Welding, Joining and Cutting
EWG	Europäische Wirtschaftsgemeinschaft
EWR	Europäischer Wirtschaftsraum
EWS	Emergency Warning System
EWSK	East-West Station Keeping (Satelliten/satellites)
EWSN	European Workshop on Wireless Sensor Networks
EWT	Emitter-Wrap-Through (Fotovoltaik-Zelle/photovoltaic cell)
EWTF	East-West Task Force (EPS)
EWvK	Entwicklungsgesellschaft für die Wiederverwendung von Kunststoffen
Exa..	Exa (Präfix/prefix): $10^{18}$
ExAC	Exome Aggregation Consortium
EXAFS	Extended X-Ray Absorption Fine Structure
EXE	[Dateinamenerweiterung: ausführbares Programm/file name extension: executable program]
Excimer	Excited Dimer (Laser)
EXO	Enriched Xenon Observatory
EXP	Experimental
EXPERT	European Experimental Reentry Testbed (Raumkapsel/space vehicle)
EXPY	Expressway (US Mail)
ExWoSt	Experimenteller Wohnungs- und Städtebau
EYCI	European Year of Creativity and Innovation (2009)
EZB	Europäische Zentralbank
EZfM	Europäisches Zentrum für Medienkompetenz (Marl)
EZMW	Europäisches Zentrum für mittelfristige Wettervorhersage (Reading, UK) (= ECMWF)
EZN	Erfinderzentrum Norddeutschland
EZRT	[Fraunhofer-] Entwicklungszentrum für Röntgentechnik (am IIS, Fürth)
e2e	End-to-End
E2R	End-to-End Reconfigurability
E <sup>3</sup>	effizient – emissionsneutral – Einbindung Mensch (bessere industrielle Produktion, Fraunhofer-Projekt)

## F

f...	Femto... (Präfix/prefix): $10^{-15}$
FA	Fachausschuss
FA	Factor Analysis
FA	Failure Analysis
FA	False Acceptance (Telekommunikation/telecommunication)
Fa.	Firma
FA	Foreign Agent (Telekommunikation/telecommunication)
FAA	Federal Aviation Administration (USA)
FAARM	Facility for the Acquisition and Assay for Radiopure Materials (USA)
FAB	Fast Atom Bombardment (Massenspektrometer/mass spectrometer)
FAB	Forwarding Agency Builder (Telekommunikation/telecommunication)
FAB	Fulfillment, Assurance and Billing (Telekommunikation/telecommunication)
FAB	Functional Airspace Block
FABEC	Functional Airspace Block Europe Central
FACA	Federal Advisory Committee Act (USA, 1972)
FACE	Facility for Attitude Control Experiments (DLR, Bremen, DE)
FACE	Free-Air CO <sub>2</sub> Enrichment (Klimaforschung/climate research)
FACE	Friendly Aircraft Cabin Environment (EU project)
FACET	Fast Analog Computing with Emergent Transition States
FACT	Fuels from Agriculture in Communal Technology (foundation)
FAD	Flavin-Adenin-Dinukleotid (Biochemie)
FAD	Function Access Domain (Telekommunikation/telecommunication)

FaDaF	Fachverband Deutsch als Fremdsprache
FADE	Framework for Auditory Discrimination Experiments
FADS	Flush Air Data System (Raumkapsel/spacecraft)
FAE	Field Application Engineer
FAEST	Fast A Posteriori Error Sequential Technique (Algorithmus/algorithm)
FAFA	Fachausschuss Fahrzeugakustik (DEGA)
FAGI	Future Air Ground Integration (Flugverkehr/air traffic)
FAI	Food Allergy Initiative (New York, NY, USA)
FAIFC	Fast Algorithms in Feedback Control (Algorithmus/algorithm)
FAIR	Facility for Antiproton and Ion Research in Europe GmbH (Darmstadt, DE)
FAIR	Fahrwerk/Antrieb-Integration ins Rad (Elektroauto)
FAL	Bundesforschungsanstalt für Landwirtschaft (Braunschweig)
FAMA	Fachausschuss "Musikalische Akustik" (DEGA)
FAMOS	flexible automatisierte Montagesysteme
FANPAC	Fan Noise Prediction and Control (EU Forschungsprojekt/research project)
FANTASIA	Flexible and Near-Net-Shaped Generative Manufacturing Chains and Repair Techniques for Complex Shaped Aero Engine Parts (EU project, until May 2010)
FAO	Food and Agriculture Organization (UN)
FAPESP	Fundação de Amparo à Pesquisa do Estado de São Paulo (BR)
FAPP	For all practical purposes
FAPS	[Lehrstuhl für] Fertigungsautomatisierung und Produktionssystematik (Univ. Erlangen-Nürnberg)
FAQ	Frequently Asked Questions
FARS	Fatality Analysis Reporting System (US Datenbank/data bank)
FAS	Facility Associated Signaling (Telekommunikation/telecommunication)
FAS	Fahrerassistenzsystem (Kfz)
FAS	Federation of American Scientists (seit/since 1945, gegen Atomwaffen/against atomic weapons)
FAS	Fettalkoholsulfat
FAS	Flankarray Sonar
F.A.S.	Free Alongside Ship (Handelsverkehr/trade)
FASE	Federation of the Acoustical Societies of Europe
FASPIS	Fast Algorithms Secondary Path Integration Scheme (Algorithmus/algorithm)
FAST	Fast Auroral Snapshot (Satellit/satellite, USA)
FAST	Five-Hundred-Meter Aperture Spherical Radio Telescope (China)
FAST	Forecasting and Assessment in the Field of Science and Technology
FAST	Foundation for Assistive Technology
FAST	Fraunhofer Approach for Software Testing
FAST	Future Automotive Industry Structure
Fast20XX	Future High-Altitude High-Speed Transport (EU project)
FAT	File Allocation Table
FAT	Final Acceptance Test (Eisenbahntechnik/railway technology)
FATSS	Fachausschuss Technischer Schall- und Schwingungsschutz (in der DEGA)
FAU	Florida Atlantic University
FAU	Friedrich-Alexander-Universität (Erlangen-Nürnberg)
FAW	Flexible Automatisierte Waferproduktion
FAX	Facsimile, Faksimile
FAZ	Frankfurter Allgemeine Zeitung
FB	Fachbereich
FB	Frequency Correction Burst (Telekommunikation/telecommunication)
FB	Function Block (Telekommunikation/telecommunication)
FBA	Fair Buffer Allocation (Telekommunikation/telecommunication)
FBA	Freshwater Biological Association (UK)
FBG	Fiber Bragg Grating (Glasfaser/glass fiber)
fBGF	Fibroblast Growth Factor
FBH	Ferdinand-Braun-Institut für Höchstfrequenztechnik (Berlin)
FBK	[Bruno Kessler Foundation] (FR)
FBMC	Filter Bank Multi Carrier (Telekommunikation/telecommunication)
FBNML	Francis Bitter National Magnet Laboratory (MIT, Cambridge, MA, USA)
FBP	Fast Back Propagation (Algorithmus/algorithm)
FBR	Fachbereichsrat
FBR	Fast Burst Reactor (Kernreaktor/nuclear reactor)
FBR	Forschungsberichte Bundesrepublik Deutschland (Datenbank/data bank)
FBW	Fly by Wire (Flugzeugsteuerung/aircraft control)
FC	Fiber Channel
FC	Fuel Cell (= BZ, Brennstoffzelle)
FCA	Fixed Capacity Agreement (Telekommunikation/telecommunication)
FCAPS	Fault(-Management) Configuration, Accounting, Performance and Security
FCASST	Florida Cluster for Advanced Smart Sensor Technologies (at USF)
FCC	Face-Centered Cubic (Gitter/lattice)
FCC	Federal Communication(s) Commission (USA)
FCC	Flight Control Computer
FCCC	Framework Convention on Climate Change (UN)
FCCH	Frequency Correction Channel (Telekommunikation/telecommunication)
FCCSET	Federal Coordinating Council for Science, Engineering and Technology (USA)
FCD	Floating Car Data (zur Verkehrslenkung/for traffic control system)
FCEPS	Fuel Cell Emergency Power System (Flugzeug/aircraft)
FCFS	First-Come, First-Serve
FCH	Frame Control Header (Telekommunikation/telecommunication)
FCH	Fuel Cells and Hydrogen Initiative (EU)



FCHAMP	Fractionally Charged Massive Particle
FCHB	Fuell Cell Hybrid Bus
FCI	Force Concept Inventory (physics education)
FCKW	Fluorchlorkohlenwasserstoff
FCP	Forschungsgemeinschaft China-Philatelie
FCP	Forward Commitment Procurement (UK innovation initiative)
FCPPL	France–China Particle Physics Laboratory
FCPS	Fuel Cell Propulsion System
FCS	Fluorescence Correlation Spectroscopy
FCS	Frame Check Sequence (Telekommunikation/telecommunication)
FCT	Fixed Cellular Terminal (Telekommunikation/telecommunication)
FCT	Flugkompatibilitätstest
FCV	Fuel Cell Vehicle
FD	Forced Degradation (Chemie/chemistry)
FDA	Food and Drug (or: Drink) Administration (USA)
FDA	Fused Deposition Modeling (polymer shaping method)
FDAC	Frequency Domain Assurance Criterion
FDDBS	Federated Database System
FDC	Floppy-Disk-Controller
FDD	Frequency Division (or: Domain) Duplex (Telekommunikation/telecommunication)
FDD	Frequency Domain Decomposition
FDDI	Fiber Distributed (or: Digital) Data Interface
FDEM	Frequency Dependent Electromagnetic Sensor
FDH	Fibre Distribution Hub
FDHS	Field Deployable Hydrolysis System (Chemiewaffen-Abbau/chemical weapon destruction)
FDI	Feeder Distribution Interface (Telekommunikation/telecommunication)
FDI	Forward Defect Indication (Telekommunikation/telecommunication)
FDIP	Fieldbus Device Implementation Package
FDIS	Final Draft International Standard
FDL	Fiber Delay Line
FDL	Flight Dynamics Laboratory
FDLP	Frequency-Domain Linear Prediction
FDM	Finite Difference Method
FDM	Frequency Division Multiplexing
FDM	Fused Deposition Modeling (polymer shaping method)
FDMA	Frequency Division Multiple Access
F.D.P.	Freie Demokratische Partei
FDR	Final Design Report (or: Review)
FDR	Fourteen Data Rate (14.0625 Gb/s)
FDRQ	Floppycontroller-Data-Request
FDT	Fieldbus Device Tool
FDT	Fluctuation Dissipation Theorem
FDT	photodynamische Therapie
FDTD	Finite-Difference Time-Domain (Analyse, Simulation/analysis, simulation)
FE	Fast Ethernet (Telekommunikation/telecommunication)
FEA	Field Emitter Array (Bildwandler/image converter)
FEA	Finite Element Analysis
FEAP	Federation of European Aquaculture Producers (Meeresfischerei/sea fishing)
FEAT	Fusion Energy Advanced Tokamak (feat auch engl. "Meisterstück")
FEC	Fest-Elektrolyt-Coulometrie
FEC	Field Element Controller
FEC	Forward Error Correction (Datenübertragung/data transmission)
FEC	Forward(ing) Equivalence Class (Telekommunikation/telecommunication)
FEC	Full Economic Cost
FECC	Forward Error Correcting Code (Telekommunikation/telecommunication)
FED	Field-Emission Display
FED	Forum on Education (APS)
FedEx	Federal Express (USA)
FEG	Field Emission Gun
FEHRL	Forum of European National Highway Research Laboratories
FEIS	Final Environmental Impact Statement
FEL	Free Electron Laser, Freie-Elektronen-Laser
FELASOFI	Federation of Latin American Physical Societies
FELD	Future Environment Laboratory Domain
FELI	Free Electron Laser Research Institute (Osaka, Japan)
FELICITAS	Fuel Cell Power Trains and Clustering in Heavy-Duty Transports
FEM	Finite Element Method (or: Model)
FEM	Front-End-Modul
FEMA	Federal Emergency Management Agency (USA)
FEMS	Federation of European Microbiological Societies
FENIX	Flexible Electricity Networks to Integrate the Expected Energy Evolution
FEP	Fluorethylenpropylen
FEP	[Fraunhofer-] Institut für Organische Elektronik, Elektronenstrahl- und Plasmatechnik (Dresden)
FEPA	Failure of the Explanted Prosthesis Analysis
FER	Frame Erasure (or: Error) Rate (Telekommunikation/telecommunication)
FER	Fusion Experimental Reactor (Naka, Japan)
FERC	Federal Energy Regulatory Commission (USA)
FERMI	Free Electron Laser for Multidisciplinary Investigations (Trieste, IT)

FERP	Faculty Early Retirement Program (California State University)
FERPA	Family Educational Rights and Privacy Act (Datenschutzgesetz für Schülerdaten, 1974)
FES	Fusion Energy Sciences (DOE Office, USA)
FESAC	Fusion Energy Science Advisory Committee (DoE, USA)
FE-SEM	Field Emission Scanning Electron Microscope
FET	Field Effect Transistor, Feldeffekttransistor
FET	Future and Emerging Technologies (European Commission)
FE-TEM	Field Emission TEM
FETT	Feature Extraction Toolbox for Transients
FEWS	Fibre-Optic Evanescent Wave Sensing
FEXT	Far-End Crosstalk
FF	Foundation Fieldbus
FFA	Fusiform Face Area (im Gehirn/in the brain)
FFAG	Fixed-Field Alternating Gradient (Synchrotron)
FFD	Fast Failure Detection
FFF	Feldflussfraktionierung
FFLO	[Peter] Fulde, [Richard] Ferrell, [Anatoly] Larkin, [Yurii] Ovchinnikov (state, Festkörperphysik/solid state physics, = LOFF)
FFM	[Material] Failure Forecast Method (Vulkanismus/volcanism)
FFM	Fixed Frequency Mode (Telekommunikation/telecommunication)
FFO	Flugforschungsinstitut Oberpfaffenhofen
FF&P	Falsification, Fabrication of Results, Plagiarism (Fälschung und Täuschung in der Wissenschaft/in science)
FFPE	Formalin Fixed, Paraffin Embedded (molecular analysis)
FFR	Frequency Following Response (on noise pollution)
FFR[&]DC	Federally Funded Research and Development Centers
FFT	Fast Fourier Transform
FFT	Free Field Technologies
FFTb	Final Focus Test Beam (SLAC)
FG	Fachgremium (DPG etc.)
FGAN	Forschungsgesellschaft für Angewandte Naturwissenschaften e.V. (seit 2008 in Fraunhofer-Gesellschaft integriert)
FGDC	Federal Geographic Data Committee (USA)
FGF	Fibroblast Growth Factor, Fibroblasten-Wachstumsfaktor
FGK	Forschungsgesellschaft Kunststoffe
FGL	Formgedächtnislegierung
FGM	Functionally Graded Material (Keramik–Metall/ceramics–metal)
FGSA	Forum on Graduate Student Affairs (APS)
FGSV	Forschungsgesellschaft für Straßen- und Verkehrswesen
FH	Fachhochschule
FhAZ	Fraunhofer-Anwendungszentrum
FHD	Flame Hydrolysis Deposition (Waferherstellung/wafer production)
FHE	Fully Homomorphic Encryption
FhG	Fraunhofer-Gesellschaft
FhM	Fraunhofer-Management-Gesellschaft mbH
FHNW	Fachhochschule Nordwestschweiz
FHP	Forum on History of Physics (APS)
FHR	[Fraunhofer-] Forschungsinstitut für Hochfrequenzphysik und Radartechnik (Wachtberg)
FHS	Flying Helicopter Simulator, Forschungshubschrauber (DLR)
FHS	Frequency Hop Synchronization (Telekommunikation/telecommunication)
FHSS	Frequency Hopping Spread Spectrum (Telekommunikation/telecommunication)
FHT	Fachhochschule für Technik (Esslingen)
FHT	Fast Hartley Transform
FHTW	Fachhochschule für Technik und Wirtschaft (Berlin)
FhV- $\mu$ E	Fraunhofer-Verbund Mikroelektronik
FHWA	Federal Highway Administration (USA)
FHWG	Fisheries Hydroacoustics Working Group (USA)
FI	Finnland/Finland (ISO 3166)
FIA	Federación Iberoamericana de Acústica
FIA	Fédération Internationale de l'Automobile (Genf, CH)
FIA	Fibreoptic Industry Association (UK)
FIA	Fließinjektionsanlage (Mikrosystemtechnik/micro systems)
FIAP	Forum on Industrial and Applied Physics (APS, USA)
FIAS	Frankfurt Institute for Advanced Studies (Frankfurt am Main, DE)
FIAT	Field Intelligence Agency, Technical
FIB	Focused Ion Beam
FIB	Forschungsinstitut Borstel, Institut für Experimentelle Biologie und Medizin
FIB	Forwarding Information Base (Telekommunikation/telecommunication)
FIBAA	Foundation for International Business Administration Accreditation
FIBO	Fibre-In – Beam-Out (Isolator: Photonik/photonics)
FIBS	First International Backgammon Server (Rechnernetz/computer network)
FICON	Federal Interagency Committee on Noise (USA, 1992)
FICON	Fiber (Channel) Connection (optische Telekommunikation/optical telecommunication)
FICUN	Federal Interagency Committee on Urban Noise (USA, 1980)
FID	Flammen-Ionisations-Detektion
FIDIS	Future of Identity in the Information Society
FIDO	Field Integrated Design & Operations Rover (NASA, Marslandemission/Mars landing mission)
FIEC	[Verband der europäischen Bauindustrie, International European Construction Association]
FIF	Fahrzeugintelligenz und mechatronische Fahrwerke (DLR)
FIFA	Fédération Internationale de Football Association
FIFO	First In, First Out (Filter, System)

FIG	Facility for Interactive Generation of Graphics (UNIX)
FIGE	Forschungsinstitut für Geräusche und Erschütterungen (Herzogenrath oder Aachen)
FILIT	Fraunhofer-Innovationszentrum für Logistik und IT (Darmstadt)
FIM	Field Ion Microscope, Feldionenmikroskop
FIM	Fisher Information Matrix
FIMP	Feebly Interacting Massive Particle
FIMS	Field Information Management System
FIND	Future Internet Network Design (USA)
FINEP	Financiadora de Estudos e Projetos (BR)
FINESSE	Fast Infrared Exoplanet Spectroscopy Explorer (NASA, planned)
FINEX	Finish Exercise (underwater noise monitoring standard)
FiNut	Frauen in Naturwissenschaft und Technik
FIP	Fédération Internationale de Philatélie
FIP	Forum on International Physics (APS)
FI-PPP	Future Internet Public Private Partnership (EU project)
FIPS	Federal Information Processing Standard
FiPS	Früheinstieg ins Physikstudium
FIR	Far-Infrared
FIR	Finite Impulse Response (Digitalfilter/digital filter)
FIRAS	Far Infrared Absolute Spectrophotometer (Astrophysik/astrophysics)
FIRB	Far-Infrared Background (Astrophysics)
FIRE	Feedback in Realistic Environments (astronomy)
FIRE	Fusion-Ignition Research Experiment (Alternative zu/alternative of ITER, USA)
FIRE	Future Internet Research and Experimentation (EU project)
FireBIRD	Fire Bispectral Infrared Detector (Satelliten-Fernerkundung)
FIRST	Far Infrared Space (or: and Submillimetre) Telescope (IR Satellit/satellite)
FIRST	Fraunhofer-Institut für Rechnerarchitektur und Softwaretechnik (Berlin)
FIS	Far-Infrared Surveyor (Astronomie/astronomy)
FIS	Forschungsinstitut und Naturmuseum Senckenberg der SNG (Frankfurt/M)
FISCO	Fieldbus Intrinsically Safe Concept
FISH	Fluoreszenz-in-situ-Hybridisierung
FIT	Failures in Thousands of Hours
FIT	Failures in Time (Kommunikation/communication)
FIT	Frauen in der Technik e.V.
FIT	Fraunhofer-Institut für Angewandte Informationstechnik (St. Augustin)
FIT	Fraunhofer-Institut für Angewandte Informationstechnologie (Birlinghoven)
FIT	Future Information Technologies (at JARA)
FITL	Fibre In The Loop
FITS	[NASA-endorsed] Flexible Image Transport System
FIU	Florida International University (Miami, FL, USA)
FIW	Forschungsinstitut für Wärmeschutz
FIZ	Fachinformationszentrum (Karlsruhe)
FIZCH	Fachinformationszentrum Chemie (Berlin)
FIZKA	FIZ Karlsruhe, Gesellschaft für wissenschaftlich-technische Information (Eggenstein-Leopoldshafen)
FJ	Fidschi-Inseln/Fiji Islands (ISO 3166)
FJC	Freely Jointed Chain (Polymerphysik/polymer physics)
FK	Falkland-Inseln/Falkland Islands (ISO 3166)
FKE	Forschungsinstitut für Kinderernährung (Dortmund)
FKIE	[Fraunhofer-] Forschungsinstitut für Kommunikation, Informationsverarbeitung und Ergonomie (Wachtberg)
FKLG	Freikolbenlineargenerator
FKTG	Fernseh- und Kinotechnische Gesellschaft
FKV	Faser-Kunststoff-Verbundwerkstoff
FKW	Fluorkohlenwasserstoff (ohne Chlor/without chlorine)
FL	Floor (US Mail)
FL	Florida (US-Staat/US state)
FL	Fuzzy Logic
FLA	Forward Looking Activities (EU)
FLAG	Fibre Link Around the Globe (Glasfaserkabel/glass fiber cable UK-Europe-North Africa-India-Japan)
FLASH	Free Electron Laser in Hamburg (DE)
FLASHED	Flexible Large Area Sensors for Highly Enhanced Displays (FhG-Projekt)
FLAT	First Lady Astronaut Trainees
FLC	Ferroelectric Liquid Crystal
FLCD	FLC Display
FLIC	Flexible Interdigital Cuff Electrode
FLIM	Fluorescence Lifetime Imaging Microscopy
FLIP	Floating Instrument Platform (Wasserschall-Messtechnik/hydroacoustic experimental facility)
FLL	Fibre in the Local Loop (optische Datenübertragung/optical data transmission)
FLO	Forward Link Only
FLOM	Fractional Lower Order Moment (algorithm)
FLOPs/s	Floating Point Operations per Second (Computer)
FLOWE	Field Laboratory for Optimized Wind Energy (Caltech)
FLOX	flammenlose Oxidation
FLS	Fluorescence Ligand Scanning
FluNet	Global Influenza Surveillance Network (WHO)
FLWO	Fred Lawrence Whipple Observatory (Arizona, USA)
FM	Facilities Management (Telekommunikation/telecommunication)
FM	Frequency Modulation, Frequenzmodulation
FM	Mikronesien (ISO 3166)

FMC	Fixed-Mobile Convergence (Telekommunikation/telecommunication)
FMCW	Frequency Modulated Continuous Wave (Radar)
FMD	Fluorescent Multilayer Disk (optischer Datenspeicher/optical data storage)
FMD	Forward Multiplicity Detector (CERN)
FMEA	Fehlermöglichkeits- und Einflussanalyse, Failure Mode(s) and Effects Analysis
FMET	Failure Mode and Effects Testing
FMI	Fluorescent Microthermiographic Imaging
FMI	Functional Mock-Up Interface
FML	Faser-Metall-Laminat
FMO	Fenna-Matthews-Olson (Chlorophyllkomplex/chlorophyll complex)
FMO	Future Mode of Operation (Telekommunikation/telecommunication)
FMP	Flexible Material Plugin
FMP	Flow Management Protocol (Telekommunikation/telecommunication)
FMP	Institut für Molekulare Pharmakologie (Berlin)
FMR	Ferromagnetische Resonanz
fMRI	Functional Magnetic Resonance Imaging
fMRT	funktionale Magnetresonanztomographie
FMS	Fixed Monitoring Station (Telekommunikation/telecommunication)
FMS	Flight Management System (Flugverkehr/air traffic)
FMT	Frequency Mask Trigger, Frequenzmaskentrigger (Telekommunikation/telecommunication)
FNAL	Fermi National Accelerator Laboratory
FNC	Federal Networking Council (Datennetze/data networks, USA)
fNMR	Functional Nuclear Magnetic Resonance
fNIRS	Functional Near-Infrared Spectroscopy
FNR	Forum for Negative Results
FNRS	[Belgian] Fonds National pour la Recherche Scientifique
FNS	Schweizer Nationalfonds (= SNF)
FNSF	Fusion Nuclear Science Facility
FNTF	Fast Newton Transversal Filter
FO	Färöer-Inseln/Faeroe Islands (ISO 3166)
FoaF	Friend of a Friend (Internet, Kommunikationsplattform/communication platform)
F.O.B., FOB	Free on Board (Handelsverkehr/trade)
FOC	Final Operational Capability (Galileo, 2010)
FOCAS	Faint Object Camera and Spectrograph (Astronomie/astronomy)
FOCS	Fiber-Optic Current Sensor
FOD	Flexible Optical Disk
FOEI	Friends of the Earth International (in Deutschland: BUND)
FOG	Fibre-Optic Gyroscope
FOKUS	Fraunhofer-Institut für Offene Kommunikationssysteme (Berlin)
FOLANT	Focusing of Laser Radiation in the Nearfield of a Tip (Nanotechnologie/nanotechnology)
FOLDS	First Order Logic with Dependent Sorts
FOM	Forschungsinstitut für Optronik und Mustererkennung (Ettlingen)
FOMA	Freedom of Multimedia Access (Telekommunikation/telecommunication)
FONAS	Forschungsverbund Naturwissenschaft, Abrüstung und internationale Sicherheit
FOP	Fiber Optic Plate
FOP	Flight Operations Plan (Satelliten/satellites)
FOPO	Fibre Optic Parametric Oscillator
FOR	Field(s) of Research
F.O.R., FOR	Free on Rail (Handelsverkehr/trade)
FORC	First-Order Reversal Curve
FORCAST	Faint Object Infrared Camera for the SOFIA Telescope
FORKAT	BMFT-Förderungskatalog
FORSUPRA	Forschungsverbund Hochtemperatur-Supraleiter (Bayern)
FORTH	Foundation for Research and Technology-Hellas (GR)
Fortran	Formula Translator (Programmiersprache/programming language)
FOS	Faseroptischer Sensor
FOS	Finnish Optical Society
FOS	Frontier of Science (interdisziplinäre internationale Symposien für Jungforscher/interdisciplinary international symposia for young scientists)
FOSHU	Foods for Specific Health Use
FOSS	Free and Open-Source Software
FOT	Fiber-Optic Transceiver
F.O.T., FOT	Free on Truck (Handelsverkehr/trade)
FOTA	Flat Optical Element Technology and Applications
FOV	Field of View (Teleskop/telescope)
FÖV	Forschungsinstitut für Öffentliche Verwaltung (Speyer)
FOX	Fiber Optic Extender (optische Telekommunikation/optical telecommunication)
FP	Fixed Part (z.B./e.g., Basestation, DECT)
FP	Frame Protocol (Telekommunikation/telecommunication)
FP	Framework Programme (European Research and Technical Development programmes; FP5: 1998–2002, FP6: 2002–2006, FP7: since 2007)
FPA	Focal Plane Array
FPA	Function Point Analysis
FPC	Fraunhofer Project Center
FPD	Flat Panel Display
FPE	Final Prediction Error
FPGA	Field Programmable Gate Array (Computer)
FPI	Fabry-Pérot Interferometer

FPL	Forschungsinstitut für Pigmente und Lacke (in FhG integriert)
FPLMTS	Future Public and Land Mobile Telecommunication System
FPS	First Person Shooter (Telekommunikation/telecommunication)
FPS	Forum on Physics and Society (APS)
FPS	Fractal Photon Sieve
fps	frames per second
FPT	Fachbereichstag Physikalische Technik
FPT	Fast Polynomial Transform
FPU	[Enrico] Fermi-[John] Pasta-[Stanislaw] Ulam (nichtlineares Schwingungssystem, Solitonen/nonlinear oscillator, solitons)
FPU	Field Pick-Up Unit (Parabolantenne/parabolic antenna)
FPV	Vereinbarung zum Fallpauschalensystem für Krankenhäuser
FP7	7th Framework Programme (EU, 2007–2013)
FQHE	Fractional Quantum Hall Effect
FQXi	Foundational Questions Institute
FR	False Rejection
FR	Frame Relay (Datenübertragung/data transmission)
FR	Frankreich/France (ISO 3166)
FR	Frankfurter Rundschau (Zeitung/Journal)
FRA	Federal Railroad Administration (USA)
FRA	Fermi Research Alliance
FRA	Forward Rate Agreement (Bankgeschäfte)
FRA	Frequency Response Analyzer
FRAC	Frequency Response Assurance Criterion
FRAD	Frame Relay Access Device (Datennetz/data network)
FRAD	Frame Relay Assembly-Disassembly (Datennetz/data network)
FRAM	Ferroelectric Random Access Memory
FrAM	Fraunhofer-Arbeitsschutz-Managementsystem
FRAMTEC	Framework for Advanced Monitoring, Telemetry and Control
FRAP	Fluorescence Recovery after Photobleaching
FRB	Fast Radio Burst (astronomy)
FRC	Field-Reverse Configuration
FRC	Fraunhofer Resource Center (Michigan, OH, USA)
FRC	Frequency Response Correction
FRC-DE	Fraunhofer Resource Center Delaware (Newark, DE, USA)
FRCP	Federal Rules of Civil Procedure (USA)
FRDC	Fisheries Research and Development Corporation
FrEAC	Future Enhanced Aircraft Configuration
Frecc0	Fraunhofer Electric Concept Car, Generation 0
FRET	Förster- (or: Fluorescence) Resonance Energy Transfer (Biophysik/biophysics)
FRF	Frequency Response Function
FRIAS	Freiburg Institute for Advanced Studies (Freiburg i.B., DE)
FRIB	Facility for Rare Isotope Beams (Michigan State University, East Lansing, USA)
FRIENT	Friendships in Inter-Ethnic Network
FRISP	Filchner-Ronne Ice Shelf Programme
FRLA	Folded-Type Rectangular Loop Antenna
FRLS	Fast Recursive Least Squares (Transversalfilter/transversal filter)
FRM	Forschungsreaktor München
FROCC	For resolving obstinate conceptual conundrums
FROG	Frequency Resolved Optical Gating
FRPAA	Federal Research Public Access Act
FRPM	Fast Random Particle Mesh (Method) (sound radiation of grids)
FRR	Fast Reroute (Telekommunikation/telecommunication)
FRS	Fellow of the Royal Society (GB)
FRS	Fragmentseparator (Kernphysik)
FS	Fachverband für Strahlenschutz e.V.
FS	Founder Societies
FSA	Fixed Slot Allocation (Telekommunikation/telecommunication)
FSA	Formal Safety Assessment
FSAN	Full Service Access Network (Telekommunikation/telecommunication)
FSC	Forest Stewardship Council (Umweltschutz/environment conservation)
FSC	Forward Scatter (laser technology)
FSC	Fusion Simulation Center (Peking University, CN)
FSEM	Fraunhofer-Systemforschung Elektromobilität (seit 2009)
FSF	Free Software Foundation
FSF	Frequency Sampling Filter
FSG	Flensburger Schiffbaugesellschaft
FSH	Follikelstimulierendes Hormon
FSI	Fluid-Structure (or: -Structural) Interaction (Analysis)
FSJ	Freiwilliges Soziales Jahr
FSK	Freiwillige Selbstkontrolle (Filmwirtschaft)
FSK	Frequency Shift Keying (Modulation)
FSL	Femtosecond Laser
FSM	Field Separation Method
FSMA	Food Service Modernization Act (USA 2011)
FSME	Frühsommer-Meningoenzephalitis
FSo	Free-Space Optical (or: Optics) (Kommunikation/communication)
FSP	Fachschäftsparlament

FSR	Fachschaftsrat
FSR	Free Spectral Range
FSRV	Fachschaftsräteversammlung
FSS	Fine-Scale Structures (jet noise)
FSS	Fixed Satellite Service (or: System)
FSS	Forensic Science Service
FST	Fast Sine Transform
FST	Femtosekunden-Technologie
FST	Finite State Transducer (Sprachsynthese/speech synthesis)
FSTC	Field Sound Transmission Class
FSU	Florida State University (USA)
FSU	Former Soviet Union, frühere Sowjetunion
FSU	Friedrich-Schiller-Universität (Jena)
FSW	Friction Stir Welding (Reibrührschweißen)
FT	Fovea-Tablets (hochauflösende Tischdisplays/high-definition table displays)
FTA	Fault Tree Analysis
FTA	Federal Transit Administration (Eisenbahntechnik/railway technology)
FTA	Free-to-Air
FTAM	File Transfer, Access and Management (Datennetzprotokoll/data network protocol)
FTD	Fluorescent Tube Display
FTE	Full Time Equivalent
FTF	Fahrerlose Transportfahrzeuge
FTF	Fast Transversal Filter
FTIR	Fourier Transform Infrared [Spectrometry]
FTIR	Frustrated Total Internal Reflection (Lichtmodulator/light modulator)
FTLE	Finite-Time Lyapunov-Exponent (field)
FTLS	Fourier-Transform Light Scattering
FTO	Fluordotiertes Zinnoxid
FTP	File Transfer Protocol (Datenübertragung/data transmission)
FTRA	Future Technology Research Association International (Korea)
FTS	Festprogrammierbarer Titel-Speicher
FTS	Fischer-Tropsch-Synthese (von Kohlenwasserstoffen)
FTS	Fourier Transform Spectroscopy (or: Spectrometer)
FTTA	Fiber to the Area
FTTB	Fibre to the Building (Telefon, Glasfaser bis zum Haus/telephone)
FTTC	Fibre to the Cabinet
FTTC	Fibre to the Curb (Telefon, Glasfaser bis zum Kabelverzweiger/telephone)
FTTH	Fibre to the Home (Telefon, Glasfaser bis ins Haus/telephone)
FTTN	Fiber to the Node (optische Telekommunikation/optical telecommunication)
FTTP	Fiber to the Premises (optische Telekommunikation/optical telecommunication)
FTTU	Fiber to the User (optische Telekommunikation/optical telecommunication)
FTU	Fortbildungszentrum für Technik und Umwelt (KfK, Karlsruhe)
FTX	Full Text Explorer
FTZ	Fernmeldetechnische Zeitschrift
FTZ	Fernmeldetechnisches Zentralamt (der Bundespost) (später/later on: BAPT, dann/after on: RegPT)
FuE	Forschung und Entwicklung
FUEG	Förderung von Forschungs- und Entwicklungsgemeinschaftsvorhaben Ost (BMBF)
FUNET	Finland's University and Research Network (Rechnernetz/computer network)
FUNGENES	Functional Genomics in Engineered ES Cells
FUS	Focused Ultrasound
FUSC	Fully Utilized Subchannel Allocation (Telekommunikation/telecommunication)
FUSE	Far Ultraviolet Spectroscopic Explorer (Satellit/satellite)
FUTOUR	Förderung und Unterstützung technologieorientierter Unternehmensgründungen (BMBF)
FV	Fachverband (DPG etc.)
FVK	faserverstärkte Kunststoffe, Faserverbundkunststoff
FVM	Finite Volume Method
FVS	Forschungsverbund Solarenergie
FVS-Stiftung	Freiherr-vom-Stein- [und zugleich] Friedrich-von-Schiller-Stiftung (Hamburg)
FVT	Fachstelle für Verkehrstechniken (WSV)
FVWE	Forschungsverbund Windenergie
FW	Fire Wall (Telekommunikation/telecommunication)
FWD	Front-Wheel Drive
FWF	[Fonds zur] Förderung der Wissenschaftlichen Forschung (Österreich/Austria)
FWG	Forschungsanstalt der Bundeswehr für Wasserschall und Geophysik (Kiel) (scherzhaft auch: Flachwassergesellschaft)
FWHM	Full-Width Half Maximum (Fotofilm-Körnigkeit, Laser-Divergenz/photo-film granulation, laser beam divergence)
FWM	Four Wave Mixing
FXC	Fiber Optical (or: Switch) Cross Connect (optische Telekommunikation/optical telecommunication)
FY	Fiscal Year
FYI	First Year Ice (in the Arctic Sea)
FYI	for your information (AIP Reports/information reports)
FZD	Forschungszentrum Dresden-Rossendorf (DE)
FZI	Forschungszentrum für Informatik (Karlsruhe)
FZJ	Forschungszentrum Jülich (DE)
FZK	Forschungszentrum Karlsruhe (DE)
FZP	Fresnel Zone Plate
FZR	Forschungszentrum Rossendorf (DE)
F <sup>3</sup>	Flexible, Fast and Future (Factory)

F4E Fusion for Energy (EU)

## G

G... Giga... (Präfix/prefix):  $10^9$   
G Guanin (DNA-Base/DNA base)  
GA Gabun/Gabon (ISO 3166)  
GA Genetic Algorithm  
GA Georgia (US-Staat/US state)  
G&A General and Administration  
GA Global Arrays (computer program)  
GAAM Gesellschaft für Analytik und atomspektroskopische Messtechnik  
GABA  $\gamma$ -Aminobuttersäure  
GABI [deutsche „Schwester“ der/German “Sister” of the Human Genome Organization]  
GAC General Advisory Committee (AEC)  
GAC GMES Advisory Council  
GADR Global Analytical Data Repository (pharmaceutics)  
GAEB Gemeinsamer Ausschuss Elektronik im Bauwesen  
GAFA Internationale Gartenfachmesse (Köln)  
GAFOS German-American Symposia on Frontiers of Science  
GAG Georg-Agricola-Gesellschaft zur Förderung der Geschichte der Naturwissenschaften und der Technik e.V.  
GAG Group-Specific Antigen  
GAIA, Gaia Global Astrometric Interferometer for Astrophysics  
GAID Global Alliance for ICT [Information and Communication Technology] and Development (UN)  
GAIN German Academic International Network  
GALAH Galactic Archeology with Hermes (astrophysics)  
GALCIT Graduate Aeronautical Laboratories at Caltech  
GALILEO [Europäisches Satelliten-Navigationssystem, im Aufbau/European satellite navigation system, still incomplete]  
GALLEX Gallium-(Sonnen-Neutrino)-Experiment (Gran Sasso, IT)  
GAM Generalized Additive Model (Regressionsverfahren)  
GAMAB Globalement au moins aussi bon (global mindestens ebenso gut/globally at least as good)  
GAMESS General Atomic Electronic Structure Systems  
GAMM Gesellschaft für Angewandte Mathematik und Mechanik  
GAMNI Groupe pour l'Avancement des Méthodes Numériques de l'Ingénieur (FR)  
GAMP Good Automated Manufacturing Practice  
GAMS Guide to Available Mathematics Software  
GAN Generic Access Network (Telekommunikation/telecommunication)  
GAN Global Area Network (Datennetz/data network)  
GANC Generic Access Network Controller (Telekommunikation/telecommunication)  
GANIL Grande Accélérateur National d'Ions Lourds (FR)  
GAO General Accounting Office (USA)  
GAO Government Accountability Office (USA)  
GAP Generic Access Profile (or: Protocol)  
GAPP Gender Awareness Participation Process  
GARP General Access Registry Protocol (Telekommunikation/telecommunication)  
GARTEUR Group for Aeronautical Research and Technology in Europe  
GARS German Antarctic Receiving Station (since 1981)  
GAS Geomagnetic Aspect Sensor (Satelliten/satellites)  
GAS Gesellschaft für Angewandte Supraleitung (KfK, Karlsruhe)  
GAS Get-Away-Special (NASA program)  
GA-SERI Global Alliance of Solar Energy Research Institutes (since July 2012)  
GAST Gemeinschaft Autofreier Schweizer Tourismusorte  
GAST Gemeinschaftsausschuss Strahlenforschung  
GAT Governmental Action Team  
GATE Galileo Test- und Entwicklungsumgebung, Galileo Test and Development Environment (Berchtesgaden)  
GATT General Agreement on Tariffs and Trade  
GAUSS Galaktisches Ultraweitwinkel Schmidt System (Spacelab, Kugelspiegelkamera)  
GAUSS Georg-August University School of Science (Göttingen, DE)  
GAVI Global Alliance for Vaccines and Immunisation  
GB Gigabyte  
GB Großbritannien/Great Britain (ISO 3166)  
GBAS Ground Based Augmentation System (Satellitennavigation/satellite navigation)  
GBD Global Burden of Diseases, Injuries, and Risk Factors Study  
GbE Gigabit Ethernet  
GBEP Global Bioenergy Partnership  
GBF Gesellschaft für Biotechnologische Forschung (Braunschweig)  
GBIF Global Biodiversity Information Facility (Internet)  
GBM Gamma(-Ray) Burst Monitor (on board of the NASA satellite Fermi)  
GBM Glioblastoma Multiforme (Hirntumore/brain tumors)  
GbR Gesellschaft bürgerlichen Rechts  
GBS Göttinger Beiträge zur Sprachwissenschaft  
GBSS Granule Bound Starch Synthase  
GBT Green Bank Telescope  
GC Gas Chromatography  
GCC Generalized Cross-Correlator (or: -Correlation)  
GCC Global Climate Coalition  
GCCV Global Climate Change Viewer  
GCD Greatest Common Divisor (= ggT)

GCDC	Grand Cooperative Driving Challenge (Kolonnen-Fahrversuch)
GCF	Global Certification Forum (Mobilfunk/mobile radio)
GCF	GSM Certification Forum (Mobilfunk/mobile radio)
GCI	Green Chemistry Institute (ACS)
GCM	General Circulation Model (Wetter/weather)
GCM	Global Climate Model (Wetter/weather)
GCMD	Global Change Master Directory (NASA)
GCN	Global Caribbean Network (optische Telekommunikation/optical telecommunication)
GCN	Graphic Core Next (architecture)
GCOS	Global Climate Observing System (globales Klimaüberwachungsprogramm)
GCP	Good Clinical Practice
GCP	Google Cloud Platform
GCRA	Generic Cell Rate Algorithm (Telekommunikation/telecommunication)
GCS	Gauss Centre for Supercomputing (in DE)
GCSR	Grating-assisted codirectional Coupler with rear Sampled Reflector (abstimmbarer Laser/tunable laser)
GCSU	Georgia College and State University (USA)
GCT	Great Canary Telescope (= GTC) (La Palma, ES)
GCTC	Gagarin Cosmonaut Training Center (Russia)
GD	Grenada (ISO 3166)
GDCh	Gesellschaft Deutscher Chemiker e.V.
GDCP	Gesellschaft für Didaktik der Chemie und Physik
GDD ICC	Global Drug Discovery Innovation Center China
GDF	Growth Differentiation Factor (Medizin/medicine)
GDL	Gewerkschaft Deutscher Lokomotivführer
GDM	Gesellschaft für Didaktik der Mathematik
GDMO	Guidelines for Defining (or: the Definition) of Managed Objects
GDN	Global Development Network
GDNÄ	Gesellschaft Deutscher Naturforscher und Ärzte e.V.
GDNF	Glia-Derived Neurotrophic Factor
GDOS	Graphics Device Operating System
GDP	General Drawing Primitive
GdP	Gewerkschaft der Polizei
GDP	Gross Domestic Product (Volkswirtschaft/national economy, = BIP)
GDP	Guanosindiphosphat
GDPR	General Data Protection Regulation (EU)
GDR	German Democratic Republic (= DDR)
GDSS	Group Decision Support Systems
GdT	Gemeinschaftsausschuss der Technik
GDV	Gesamtverband der deutschen Versicherungswirtschaft e.V.
GDZ	Göttinger Digitalisierungszentrum
GE	Georgien/Georgia (ISO 3166)
GE	Gigabit Ethernet
GEA	Gigabit Ethernet Alliance
GEER	Glen Extreme Environments Rig
GEF	Global Environment Facility (Umweltfonds/environment fund, 1990)
Gefma	Groupe d'étude de la faune marine atlantique
GefStoffV	Gefahrstoff-Verordnung
GEM	Gas Electron Multiplier
GEM	Genetically Engineered Machine
GEM	Global Entrepreneurship Monitor (Report)
GEM	Graphics Environment Manager
GEMA	Gesellschaft für elektroakustische und mechanische Apparate
GEMA	Gesellschaft für musikalische Aufführungsrechte
GEMINGA	Gemini Gamma-Quelle (Neutronenstern/neutron star)
GEMIS	Globales Emissionsmodell Integrierter Systeme
GEMS	Galaxy Evolution from Morphologies and Spectral Energy Distributions (Astrophysik/astrophysics)
GEMS	Global Environment Monitoring System (Naturschutz, nature conservation)
Genafor	Gesellschaft für nachhaltige Forschung
GeNAS	Genome Network Analysis Service
GENCI	Grand Equipement National de Calcul Intensif (Bruyères-le-Châtel, FR)
GENESIS	General Neural Simulation System
GENI	Global Experimentation for Network Instantiation (Internet)
GENIUS	Germanium Detectors in Liquid Nitrogen in an Underground Set Up (Neutrindetektor/neutrino detector)
GenMAPP	Gene MicroArray Pathway Profiler (Computerprogramm für genetische Analyse/computer program for genetic analysis)
GENTS	Generic Exploration and Navigation Tool for Structures (FWF, AT)
GEO	[britisch-deutscher Gravitationswellendetektor/British-German gravitational wave detector] (Ruthe bei/near Hannover, DE)
GEO	Geosynchronous (or: Geostationary) Earth Orbit
GEO	Group on Earth Observations
GEOMAR	Forschungszentrum für marine Geowissenschaften (Univ. Kiel)
GEOS	Goddard Earth Observing System (NASA)
GEOSS	Global Earth Observation System of Systems (Satelliten/satellites)
GEPRIS	geförderte Projekte der DFG (Suchmaschine/search engine, www.dfg.de/gepris)
GERAN	GSM/EDGE Radio Access Network (Telekommunikation/telecommunication)
GERAD	Groupe d'Etude et de Recherche en Analyse des Décisions (Montreal, Canada)
GERD	Gross Expenditure on Research and Development
GERDA	Germanium Detector Array
GESA	Gepulste Elektronenstrahlanlage



GESAMP	Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (UNO)
GESIMA	Geesthachter Simulationsmodell der Atmosphäre
GESIS	Gesellschaft sozialwissenschaftliche Infrastruktureinrichtungen (Mannheim)
GET	Gesellschaft Energietechnik (im VDI)
GETV	Genesys Enterprise Telephony Software
GEUmbH	Gesellschaft für Energieanwendung und Umwelttechnik mbH (Leipzig)
GEW	Gewerkschaft Erziehung und Wissenschaft
GF	Französisch-Guyana/French Guiana (ISO 3166)
GFA	Glass-Forming Ability
GFCC	Global Footwear Competence Center (Shanghai, CN)
GFDL	Geophysical Fluid Dynamics Laboratory (NOAA, Princeton, NJ, USA)
GFDM	Generalized Frequency Division Multiplexing (Telekommunikation/telecommunication)
GfdS	Gesellschaft für deutsche Sprache
GFE	Großforschungseinrichtung
GFK	Glasfaser-verstärkte Kunststoffe
GFLOPs/s	Giga-FLOPs/s (= $10^9$ FLOPs/s)
GFMC	Green's Function Monte Carlo (Technik, Kernphysik/technique, nuclear physics)
GFP	Generic Framing Procedure (Telekommunikation/telecommunication)
GFP	Green Fluorescent Protein, grün fluoreszierendes Protein
GfR	Gesellschaft für Raumfahrtanwendungen (DLR)
GFR	Guaranteed Frame Rate (Telekommunikation/telecommunication)
GFRP	Glass Fiber Reinforced Plastic
GFS	Gemeinsame Forschungsstelle (der/of the EU in Petten, NL)
GFS	Global Forecast System (US weather forecast)
GFSK	Gaussian(-Filtered) Frequency Shift Keying
GFZ	Geoforschungszentrum (Potsdam)
GGA	Generalized Gradient Approximation
GGA	Geowissenschaftliche Gemeinschaftsaufgaben (im/in the Geozentrum Hannover)
GGF	Glial Growth Factor (Medikament, evtl. gegen MS/medicine, possibly against MS)
GGF	Global Grid Forum
GGNB	Göttinger Graduiertenschule für Neurowissenschaften, Biophysik und Molekulare Biowissenschaften
GGSN	Gateway GPRS Support (or: Serving) Node (Telekommunikation/telecommunication)
GGT	Gesellschaft für Gerontotechnik
ggT	größter gemeinsamer Teiler (= GCD)
GGVS	Gefahrgut-Verordnung Straße
GH	Ghana (ISO 3166)
GHG	Greenhouse Gas
GHPDH	Glycerinaldehyd-3-Phosphat-Dehydrogenase
GHRH	Growth hormone-releasing hormone (Freisetzungshormon des Wachstumshormons)
GHRH	Growth hormone-releasing hormone (Freisetzungshormon des Wachstumshormons)
GHRH	Growth hormone-releasing hormone (Freisetzungshormon des Wachstumshormons)
GHS	Globally Harmonised System
GHZ	Greenberger-Horne-Zeilinger(-Zustand/state)
GI	Gesellschaft für Informatik e.V.
GI	Gibraltar (ISO 3166)
GI	Guard Interval (Telekommunikation/telecommunication)
GIC	Generalized Information Criterion
GIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
GIF	German-Israeli Foundation for Scientific Research and Development
GIF	Graphics Interchange Format (Datenkompression/data compression, CompuServe 1987)
GigE	Gigabit Ethernet
GIM	[Sheldon] Glashow, [John] Iliopoulos, [Luciano] Maiani [Model] (Elementarteilchenthorie/elementary particle theory)
GIMP	GNU Image Manipulation Program
GIMS	Topical Group on Instruments and Measurement Science (APS)
GIOD	Globally Interconnected Object Databases
GIOL	Global Imaging On-Line
GIP	Glucose-Dependent Insulinotropic Polypeptide
GIP	Graphenisomorphie-Problem
Gips	Giga-Instructions per Second
GIRL	German Infrared Laboratory (Astrophysik/astrophysics, 1985)
GIS	Geographic(al) Information System, Geo-Informationssystem
GISAXS	Grazing-Incidence Small Angle X-Ray Scattering
GISI	Göttinger Informationssystem für Intensivmedizin und OP
GISI	Gruppo Imprese Strumentazione Italia (Association for Instrumentation, Control and Automation Companies)
GISP	Greenland Ice Shield Project
GISS	Goddard Institute for Space Studies (NASA)
GIT	Gesamtintegrationstest (Kfz-Elektronik)
GITEWS	German Tsunami Early Warning System
GIXD	Grazing-Incidence X-Ray Diffraction
GIZ	(Deutsche) Gesellschaft für Internationale Zusammenarbeit
GIZ	Giftinformationszentrum (Nord/North: in Göttingen)
GK	Gatekeeper (Telekommunikation/telecommunication)
GK	Graduiertenkolleg
GK	Grundkurs
GKS	Ganzkörperschwingung
GKS	Grafisches Kern-System
GKSS	[Forschungszentrum Geesthacht]
GL	Grönland/Greenland (ISO 3166)

GLA	Göttinger Linguistische Abhandlungen
G-Lab	Germany-Lab (Projekt zur Internet-Erweiterung, seit Okt. 2008)
GLAD	General Laser Analysis and Design
GLAST	Gamma-Ray Large Area Space Telescope
GLBA	Gramm Leach Bliley Act (US health care)
GLBRC	Great Lakes Bioenergy Research Center (at the University of Wisconsin, Madison)
GLCM	Ground-Launched Cruise Missile
GLDV	Gesellschaft für linguistische Datenverarbeitung
GLE	Ginzburg-Landau Equation (nichtlineare Dynamik/nonlinear dynamics)
GLF	Grundlagenforschung
GLIF	Global Lambda Integrated Facility (Annual Workshops)
GLIMPSE	Galactic Legacy Infrared Midplane Survey Extraordinaire (Astrophysik/astrophysics)
GLM	General Linear Modelling
GLMZ	Gemeinsames Melde- und Lagezentrum
GLOBECOM	[IEEE] Global Telecommunications Conference
GLOBIS	Global Change and Biodiversity in Soils
GLOBUS	Generating Long-Term Options by Using Simulation
GLOMAP	Global Model of Aerosol Particles (UK, climate research)
GLONASS	Globalnaja Nawigazionnaja Sputnikowaja Sistema, Global Navigation Satellite System (RU)
GLORIAD	Global Ring Network for Advanced Applications Development
GLoSIS	Global Soil Information System (Boston, MA, USA, since Feb. 2008)
GLP	Glucagon-Like Peptide
GLP	Good Laboratory Practice, gute Labor-Praxis
GLS	General Logistics (Paketdienst/parcel service)
GLS	Global Locating Sensing
GLV	geschlossene Luftversorgung (Kfz-Federung/vehicle suspension)
GLZ	Generalized Linear Modelling
GM	Gambia (ISO 3166)
GM	General Motors
GMAC	Graduate Management Admission Council
GMAG	Topical Group on Magnetism and Its Applications (APS)
GMAT	Graduate Management Admission Test
GmbH	Gesellschaft mit beschränkter Haftung
GMD	Gesellschaft für Mathematik und Datenverarbeitung (vormals/formerly Bonn–Darmstadt–Berlin–St. Augustin–Birlinghofen, später von der Fraunhofer-Gesellschaft übernommen/later on taken over by the FhG)
GMES	Global Monitoring for Environment and Security (Satelliten/satellites, ESA mission)
GMK	Graphical Model Toolkit (Spracherkennung/speech recognition)
GML	Geographical Markup Language
GMLC	Gateway Mobile Location Center (Telekommunikation/telecommunication)
GMM	Gaussian Mixture Model (Sprachübertragung/speech transmission)
GMM	Generalized Method of Moments (Finanzmarkt-Forschung)
GMM	Global MultiMedia (Telekommunikation/telecommunication)
GMM	GPRS Mobility Management
GMO	Genetically Modified Organism
GMP	Good Manufacturing Practice
GMPLS	Generalized Multi Protocol Label Switching (Telekommunikation/telecommunication)
GMR	Giant Magnetoresistance
GMRP	GARP Multicast Registration Protocol (Telekommunikation/telecommunication)
GMS	Global Marketing Service
GMS	Ground Mission System (Galileo)
GMSC	Gateway Mobile Switching Center (Datenübertragung/data transmission)
GMSK	Gaussian Minimum Shift Keying (Modulation)
GMSS	Gateway Management Subsystem (Telekommunikation/telecommunication)
GMT	Giant Magellan Telescope (geplant für/planned for 2019 in Arizona, USA)
GMT	Greenwich Meantime (Weltstandard seit/world standard since 1884)
GMU	George Mason University (USA)
GN	Guinea (ISO 3166)
GNA	Global Network Academy (Texas, USA)
GNC	Guidance, Navigation, and Control
GNCI	Greater North China Initiative (geologische Forschung/geological research)
GNEP	Global Nuclear Energy Partnership
GNF	Graphite Nano-Fiber
GNF	Group of Blocks (Telekommunikation/telecommunication)
GNI	Gigabit Ethernet Network Interface (Telekommunikation/telecommunication)
GNIRS	Gemini Near Infrared Spectrometer (USA)
GNLTM	Geometric Nonlinear Theory of Martensite
GNM	Germanisches Nationalmuseum (Nürnberg)
GNO	Gallex Neutrino Observatory (INFN, Gran Sasso, IT)
gnomAD	Genome Aggregation Database
GNOME	GNU Object Model Environment
GNP	Gross National Product (= Bruttosozialprodukt)
GnRH	Gonadotropin-Releasing Hormone
GNSS	Global Navigation Satellite System
GNSS2	Global Navigation Satellite System, 2nd generation
GNU	Gallium Neutrino Observatory (zuvor/formerly: GALLEX, Gran Sasso, IT)
GNU	GNU is not UNIX
GO	Gründungsoffensive
GOÄ	Gebührenordnung für Ärzte

GOARN	Global Outbreak Alert and Response Network (WHO, 120 countries)
GoB	Good or Better
GoB	Group of Blocks (Telekommunikation/telecommunication)
GODI	Global Online Bibliographic Information
GOC	Générateur d'Octets Chiffants
GOCE	Gravity Field and Steady-State Ocean Circulation Explorer (Satelliten-Fernerkundung/satellite remote sensing)
GOCO	Government-Owned, Contractor-Operated
GODAE	Global Ocean Data Assimilation Experiment (Satelliten-Altimetrie/satellite height measurement)
GOLF	Global Oscillations at Low Frequencies (an Bord von/aboard SOHO)
GOMAC	Government Microcircuit Applications Conference (USA)
GOME	Global Ozone Monitoring Experiment (Fernerkundung/remote sensing, ERS 2, 1995)
GOMOS	Global Ozone Monitoring by Occultation of Star (ENVISAT)
GONG	Global Oscillation Network Group (für Helioseismologie/for helio-seismology)
GOODS	Great Observatories Origins Deep Survey (Astrophysik/astrophysics)
GoP	Group of Personalities (a panel, mandated by the European Council in 2003)
GOP	Group of Pictures (Telekommunikation/telecommunication)
GoS	Grade of Service (Telekommunikation/telecommunication)
GOSPEL	Governing the Speed of Light (EU project)
GOTS	Gesellschaft für Orthopädisch/Traumatologische Sportmedizin
gov	[Government] (Internet, USA)
GOW	Gesundheitliche Orientierungswerte
GOZ	Gebührenordnung für Zahnärzte
GP	Guadeloupe (ISO 3166)
GPA	Grade Point Average
GPC	Gel-Permeation Chromatography
GPCR	G-Protein Coupled Receptor
GPDS	Global Product Development System (Fahrzeugentwicklung/automotive design)
GPI	Gemini Planet Imager (astronomy)
GPI	Global Address Space Programming Interface (HPC)
GPFS	General Parallel File System (high-performance computing)
GPGPU	General Purpose Graphical Programming Unit
GPIB	General Purpose Interface Bus
GPIP	General Purpose Input/Output Interrupt Port
GPL	General (or: GNU) Public License (FSF)
GPM	Global Precipitation Measurement (satellite)
GPO	GMES Programme Office
GPON	Gigabit Passive Optical Network(ing) (Telekommunikation/telecommunication)
GPP	General Purpose Processor
GPP	Gross Primary Production (photosynthesis)
GPR	Ground Penetrating Radar
GPRS	Global (or: General) Packet Radio Service (or: System) (Telekommunikation/telecommunication)
GPS	Ganzheitliche Produktionssysteme
GPS	Germany Philatelic Society (USA)
GPS	Germline-Derived Pluripotent Stem Cells
GPS	Global Positioning System
GPSCG	Global Pharmaceutical Supply Group
GPU	General Purpose Unit (computer)
GPU	Graphic(al) Processing (or: Programming) Unit (Computergrafik)
GPWS	Ground Proximity Warning System
GQ	Äquatorialguinea/Equatorial Guinea (ISO 3166)
GR	Gigabit Router (Internet)
GR	Griechenland/Greece (ISO 3166)
GRA	Gamma Resonance Absorption
GRA	Geschwindigkeitsregelanlage (Kfz)
GRAB	Galactic Radiation and Background (US Aufklärungs-Satellit/reconnaissance satellite)
GRACE	Generalisation of Research on Accounts and Cost Estimation (EC Project)
GRACE	Genomics to Combat Resistance Against Antibiotics in Community-Acquired Lower Respiratory Tract Infections in Europe (EU project)
GRACE	Gravity Recovery and Climate Experiment (satellites, launched in 2002)
GRACE-FO	Gravity Recovery and Climate Experiment Follow-On (planned for 2016)
GRAI	Global Returnable Asset Identifier
GRAIL	Gravity Recovery and Interior Laboratory (two Lunar satellites, since 2011)
GRANADA	Galileo Receiver Analysis and Design Application (Astrophysik/astrophysics, Software)
GRAS	Generally Recognized as Safe (Nahrungsergänzungsmittel/food additives)
GRATE	Generic Rules and Agent Model Test Bed Environment
GRB	Gamma-Ray Burst (Astrophysik/astrophysics)
GRC	Global Research Council (founded 2012)
GRC	Gordon Research Conference
GRC	Graphene Research Centre (at NUS)
GRD	Genomics Reviewer Desktop
GRDC	Grains Research and Development Corporation (Australia)
GRDDL	Gleaning Resource Descriptions from Dialects of Languages (semantisches Netz/semantic net)
GRE	Generic Routing Encapsulation
GRE	Graduate Record Exam
GREAT	German Receiver for Astronomy at Terahertz Frequencies (onboard SOFIA)
GREAT	Growing Education Achievement Training Academies for Teachers and Principals (Act, USA 2013)
GREEN	Groupe de Recherche en Electrotechnique et Electronique de Nancy (FR)
GREG	Georeferencing of Ethnic Groups

GRI	Gamma-Ray Imager (Satellit/satellite, NASA)
GRI	Group Repetition Interval (LORAN-C)
GRIFFIN	Gamma-Ray Infrastructure for Fundamental Investigations on Nuclei (University of British Columbia, CA)
GRIN	Gradient Refractive Index
GRIP	Greenland Icecore Project
GRIPS	Ground-Based Infrared P-Branch Spectrometer (DLR)
GRK	Graduiertenkolleg (DFG, seit 1990)
GRM	General Relationship Model
GRO	Compton Gamma Ray Observatory (Satellit/satellite)
GRO	Grimaldi Robotic Observatory (Teleskop auf dem Mond, vorgeschlagen/telescope on the moon, proposed)
GROMACS	Groningen Machine for Chemical Simulation (computer program)
GROWnet	Geographic Representations of War Network
GRS	Gamma-Ray Spectrometer
GRS	Gesellschaft für Anlagen- und Reaktorsicherheit
GRU	Georgia Regents University
GRU	Government Revitalization Unit (JP)
GRW	[GianCarlo] Ghirardi, [Alberto] Rimini, [Tullio] Weber (Modell, theoretische Physik/model, theoretical physics)
GS	Südgeorgien/South Georgia (ISO 3166)
GS	Guaranteed Service
GSA	General Service Administration (USA)
GSA	Geological Society of America
GSA	Global (Mobile) Suppliers Association (Telekommunikation/telecommunication)
GSAG	GOME Science Advisory Group
GSAS	Global School for Advanced Studies
GSCCM	Topical Group on Shock Compression of Condensed Matter (APS)
GSD	Ground Sampling Distance (Satelliten-Fernerkundung/satellite remote sensing)
GSDSEF	Greater San Diego Science and Engineering Fair
GSE	geringe Schmerzempfindlichkeit
GSE	GMES Services Elements
GSE	Group of Scientific Experts (Genfer Abrüstungskonferenz 1976)
GSETT-1, -2, -3	GSE Technical Test I (1984), ~ II (1991), ~ III (1995)
GSFC	Goddard Space Flight Center (Greenbelt, MD, USA)
GSG	Gesundheitsstrukturgesetz
GSGG	Göttinger Graduiertenschule für Geisteswissenschaften
GSH	Granular Solid Hydrodynamics
GSI	Gesellschaft für Schwerionenforschung (Darmstadt)
GSIC	Global Scientific Information and Computing Center (Tokyo, JP)
GSM	Global System for Mobile Communication(s) (Telekommunikation/telecommunication)
GSM	Groupe Spéciale Mobile (Mobilfunk/mobile radio)
GSMA	GSM Association (Telekommunikation/telecommunication)
GSMBE	Gas Source Molecular Beam Epitaxy
GSMN	GSM Node
GSM-R	Global System for Mobile Communications – Railway (Eisenbahntechnik/railway technology)
GSMS	GPRS Short Message Service (Telekommunikation/telecommunication)
GSMT	Giant Segmented-Mirror Telescope (geplant/planned)
GSN	Global Seismic (or: Seismographic) Network
GSN	GPRS Support Node
GSNP	Topical Group on Statistical and Nonlinear Physics (APS)
GSO	Geostationary Satellite Orbit
GSO	Graduate School of Oceanography (URI)
GSOC	German Space Operations Center (Weilheim and Oberpfaffenhofen, DE)
GSP	Gap Surface Plasmon (elektromagnetische Grenzflächenwellen/electromagnetic boundary layer waves)
GSP	Genomic Signal Processing
GSS	Ground Sensor Station (Galileo)
GSS	Group Support System
GSSN	Global Sustainable Soundscape Network
GST	Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> , Phasenwechselmaterial
GSTB	Galileo System Test Bed (Satellitennavigation/satellite navigation)
GSU	Georgia State University (USA)
GSW	GeoScience World
GSW	Glashow-Salam-Weinberg (Neutrinotheorie/neutrino theory)
GT	Gamow-Teller
GT	Georgia Tech (USA)
GT	Guatemala (ISO 3166)
GTC	General Purpose Unit Technology Conference
GTC	Gran Telescopio Canarias (= GCT) (La Palma, ES)
GTD	Geometrical Theory of Diffraction
GTF	Global Tiger Forum
GTL	Gas to Liquid (synthetischer Kraftstoff/synthetic fuel)
GTLS	Generalized Total Least Squares (Algorithmus/algorithm)
GTO	Geostationärer Transferorbit (Raketentechnik)
GTP	GPRS Tunneling Protocol (Telekommunikation/telecommunication)
GTP	Guanosintriphosphat
GTP-c	GPRS Tunneling Protocol Control Plane (Telekommunikation/telecommunication)
GTRI	Georgia Tech Research Institute (USA)
GTRI	Global Threat Reduction Initiative
GTÜ	Gesellschaft für Technische Überwachung
GTS	Global Transmission Services (ISS)

GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit (Eschborn)
GU	Guam (ISO 3166)
GUD	Gas- und Dampfturbinen (-Kraftwerke)
GUE	Gauß'sches unitäres Ensemble
GUESS	General-Purpose Expert System Shell
GUI	Graphical (or: Guided) User Interface
GUID	Global Unique Identifier (weltweites PC-Netz/worldwide PC network)
GUIDE	Gentle User Interfaces for Elderly People (EU project)
GUP	Generic User Profile (Telekommunikation/telecommunication)
GUS	Gemeinschaft unabhängiger Staaten (ehem./former UdSSR)
GUT	Grand Unified Theory (theoretische Physik/theoretical physics)
GUTI	Globally Unique Temporary Identifier (Telekommunikation/telecommunication)
GUZ	Göttinger Universitätszeitung
GVD	Group Velocity Dispersion (Leitungen/transmission lines)
GVE	Großvieheinheit (Normrind, Masse:/standard cow, mass: 500 kg)
GVFI	Global Viral Forecasting Initiative
GVL	Gamma-Valerolacton
GVM	Global Voice Mail (Telekommunikation/telecommunication)
GVO	genetisch veränderter Organismus
GVP	Genesis Voice Protocol (Telekommunikation/telecommunication)
GVPP	Generic Visual Perception Processor
GVT	Ground Vibration Test (Flugzeugentwicklung/aircraft development)
GVZ	Güterverkehrszentrum
GW	Gateway (Telekommunikation/telecommunication)
GW	Guinea-Bissau (früher Portugiesisch-Guinea/former Portuguese Guinea) (ISO 3166)
GWAS	Genome-Wide Association Studies
GWG	Gesellschaft für Wirtschaftsförderung Göttingen
G-WiN	Gigabit-Wissenschaftsnetz (geplant für/planned for 2000, bis/up to 2.4 Gbit/s)
GWK	Gemeinsame Wissenschaftskonferenz von Bund und Ländern
GWN	Gaussian White Noise, Gaußsches Weißes Rauschen
GWP	German Water Partnership
GWP	Global-Warming Potential
GWS	Glashow–Weinberg–Salam (Theoretische Physik, elektroschwache Wechselwirkung/theoretical physics, electro-weak interaction)
GWT	Google Web Toolkit
GWUP	Gesellschaft für die wissenschaftliche Untersuchung von Parawissenschaften
Gy	Gray (measure of ionizing energy absorption: 1 Gy is the dose of 1 joule per kilogram material)
GY	Guyana (ISO 3166)
Gyr	Gigayears ( $10^9$ years)
GZG	Geowissenschaftliches Zentrum Göttingen
GZK	Grisen–[Georgii] Zatsepin–[Vladim] Kuzmin (Moscow; predicted cutoff of cosmic microwave background at $6 \times 10^{19}$ eV)
GZMB	Göttinger Zentrum für Molekulare Biowissenschaften

## H

h...	Hekto... (Präfix/prefix): $10^2$
HA	Home Agent (Telekommunikation/telecommunication)
HAARP	High Frequency Active Auroral Research Project (or: Program)
HAART	hochaktive antiretrovirale Therapie (HIV-Behandlung)
HAB	Harmful Algae Bloom (Meeresbiologie/marine biology)
HAB	Herzog-August-Bibliothek (Wolfenbüttel)
HABLEG	High Altitude Balloon Launched Experimental Glider (DLR)
HAC	High Authority Control
HAC	Human Artificial Chromosome
HACORD	High Altitude Cosmic Ray Detector
HAD	Helium Abundance Detector (Galileo satellite 1989)
HAD	Highly Automated Driving
HAD	Hollow Cathode Activated Deposition (dünne Schichten/thin layers)
HADES	High-Activity Disposal Experiment Site (for nuclear waste, Mol, BE)
HAGRID	Hybrid Array for Gamma Ray Detection
HAI	Helicopter Association International
HAL	Hardware Abstraction Layer (Telekommunikation/telecommunication)
HALAS	Hubschrauber-Außenlast-Assistenzsystem (DLR)
HALE	High Altitude, Long Endurance (Flugzeug/aircraft)
HALO	High Altitude and Long Range Research Aircraft (DLR)
HAMR	Head-Assisted Magnetic Recording
HANE	High-Altitude Nuclear Explosion
HANOHANO	Hawaiian Anti-Neutrino Observatory (2012: planned)
HAO	High Altitude Observatory (Harvard University)
HAP	Helmholtz-Allianz für Astroteilchenphysik
HAPS	High Altitude Pseudo-Satellite
HAPS	Historic Acoustic-Phonetic Collection (TU Dresden, DE)
HAR	Human Accelerated Region (Genetik/genetics)
HARF	Hyperstable Adaptive Recursive Filter
HARP	High-Frequency Acoustic Recording Package
HARP	High-Gain Avalanche Rushing Amorphous Photoconductor
HARPS	High Accuracy Radial Velocity Planet Searcher (astrophysics)
HARQ	Hybrid Automatic Repeat Request (Telekommunikation/telecommunication)

HART	Highway Addressable Receiver/Transmitter (Telekommunikation/telecommunication)
HAS	Hadronischer Schauer
HASASEM	Haptisches Sensor-Aktor-System auf der Grundlage der Echtzeitelastographie sowie von elektro- und magnetorheologischen Materialien
HASI	Huygens Atmospheric Structure Instrument (Raumfahrt/spacecraft)
HASY	Hand-Arm-System (DLR, Roboter-Greifer)
HASYLAB	Hamburger Synchrotronstrahlungs-Laboratorium (bei/at DESY)
HAT	Heiß-Akustik-Teststand (DLR Berlin)
HAT	Histone-Acetyl Transferase, Histonazetyltransferase (Genetik/genetics)
HATPRO	Humidity and Temperature Profiler (Wetterdatenerfassung/weather data monitoring)
HATUM	Historisches Archiv der TU München
HAV	Hand-Arm Vibration
HAV	Hepatitis-A-Virus
HAVAG	Hallesche Verkehrs-AG (Halle an der Saale)
HAVEit	Highly Automated Vehicles – Intelligent Transportation (EU project)
HAVI	Home Audio/Video Interoperability
HAW	Hochschule für Angewandte Wissenschaften (Hamburg)
HAWC	High-Altitude Water Cherenkov Gamma-Ray Observatory (Sierra Negra, MX)
HAWK	Hochschule für angewandte Wissenschaft und Kunst (u.a. Göttingen)
HAWT	Horizontal Axis Wind Turbine
HAZOP	Hazardous Analysis and Operability (Problemlösungsmethode/problem solving method)
HB	(Hansestadt) Bremen (Bundesland/German Federal State)
HB	High-Brightness (LEDs)
HBCCO	$\text{HgBa}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+2}$ (HTSL)
HBCD	Hexabromcyclododecan (Flammschutzmittel)
HBCI	Homebanking Computing Interface
HBCU	Historically Black Colleges and Universities (USA)
HBFG	Hochschulbauförderungsgesetz
HBFR	High Flux Beam Reactor (Brookhaven, Long Island, NY, USA)
HBK	Hochdruckbrennkammer (-Prüfstand, DLR)
HBLED	High-Brightness Light Emitting Diode
HBM	High Bandwidth Memory
HBP	Human Brain Project
HBT	Hanbury Brown and Twiss (Quanteneffekt/quantum effect)
HBT	Hetero-Bipolartransistor, Heterojunction Bipolar Transistor
HBV	Hepatitis-B-Virus
HCA	High Content Analysis
HCB	Hexachlorbenzol
HCC	Heterogeneous Compute Compiler
HCCI	Homogeneous Charge-Compression Ignition (Verbrennungsmotor/internal combustion engine)
HCG	High-Index Contrast Sub-Wavelength Grating (Laserspiegel/laser mirror)
hCG	Human Chorionic Gonadotropin (Hormon/hormone)
HCH	Hexachlorcyclohexan
HCI	Host Controller Interface (Telekommunikation/telecommunication)
HCI	Human-Computer Interaction (or: Interface)
HCIS	Human-Centric Computation and Information Sciences (open-access journal)
HCM	High-Contrast Metastructure
HCM	Human Capital (and) Mobility (EU)
HCMV	Humanes Cytomegalovirus
HCO	Harvard College Observatory
HCP	Hearing Conservation Program
HCP	Hexagonal Closest Packing (Gitter/lattice)
HCR	High Chip Rate
HCS	Hard-Clad Silica (Faseroptik/fiber optics)
HCS	High Content Screening (Biochemie/biochemistry)
HCTMCP	Hexacyanotrimethylenecyclopropanid
HCU	Hybrid Control Unit (Hybridfahrzeug/hybrid vehicle)
HCV	Hepatitis-C-Virus
HD	Harmonization Document (CENELEC)
HD	High Definition (Video)
HdA	Haus der Astronomie (Heidelberg)
HDA	High-Density Amorphous (Eis/ice)
HDAC	Histone-Deacetylase, Histondeazetylase (Genetik/genetics)
HDBR	Hybrid Distributed Bragg Reflector (optische Telekommunikation/optical telecommunication)
HDBT	High Definition Broadcast Technology
HDCAM	[vom HDTV abgeleitetes Bildaufzeichnungsformat/picture recording format, derived from HDTV]
HDCCP	High Definition (or: Digital) Content Protection (Telekommunikation/telecommunication)
HDCCS	Hard Disk Controller Select
HDF	Hierarchical Data Format
HDF	hochdichte Faserplatte, High-Density Fiberboard
HDF	Hubble Deep Field (Astrophysik/astrophysics)
HDI	Human Development Index
HDL	Hardware Description Language
HDL	High-Density Lipoprotein („gutes“ Cholesterin/“good“ cholesterol)
HDL	High-Density Liquid
HDL	High-Power Diode Laser
HDLC	High Level Data Link Control (Datenübertragung/data transmission)
HDM	Histondemethylase (Genetik)

HDM	Hot Dark Matter (Kosmologie/cosmology)
HDMI	High Definition Multimedia Interface
HDML	Handheld Device Markup Language
HdO	hinten dem Ohr (Hörgeräte/hearing aids)
HDPE	High Density Polyethylene
HDR	High Data Rate (Datenübertragung/data transmission)
HDR	High Dynamic Range (Luftbilddaufnahmen)
HDR	Hot Dry Rock (geothermy)
HDR1	High Dynamic Range Imaging (Bildsimulation/picture simulation)
HDRQ	Harddiskcontroller-Data-Request
HDS	High Dispersion Spectrograph
HDSL	High-Bit-Rate (or: High Speed) Digital Subscriber Line (or: Loop)
HDT	Hungaro DigiTel
HDTV	High Definition Television (hochauflösendes Fernsehen)
HE	Hessen (Bundesland/German Federal State)
HE-AAC	High Efficiency Advanced Audio Coding (Audio-Kompressions-Software/audio compression method)
HEAC	HDMI Ethernet Audio Channel (Telekommunikation/telecommunication)
HEAO	High Energy Astrophysical Observatory
HEAT	High Elevation Antarctic Terahertz Telescope
HEATCO	Harmonised European Approaches for Transport Costing and Project Assessment (EC Project)
HEC	HDMI Ethernet Channel (Telekommunikation/telecommunication)
HEC	Ecole des Hautes Etudes Commerciales (Montreal, Canada)
HECC	High-End Computer (or: Computing) Capability (NASA project)
HECHDMI	Ethernet Channel (Telekommunikation/telecommunication)
HECToR	High End Computing Terascale Resource (UK)
HED	High-Energy-Density
HEDLP	High-Energy-Density Laboratory Plasmas (University of Nevada, Reno, NV, USA)
HEDP	High-Energy-Density Physics
HEDRC	High Energy Density Research Center (RU)
HEED	High Efficiency Electron Emission Device (Bildwandler/image converter)
HEF	Helmholtz Enterprise Fonds
HEFA	Hydroprocessed Esters and Fatty Acids (Biotreibstoff/biofuel)
HEFC	Higher Education Funding Council (UK)
HEFCE	Higher Education Funding Council for England
HEI	Higher Education Institutions
HEK	Hunt for Exomoons with Kepler
HELCOM	Helsinki Commission on Baltic Marine Protection
HELM	Hierarchical Editing Language for Macromolecules
HELP	Heparin-vermittelte extrakorporale LDL + Fibrinogen Präzipitation
HEMI	Hopkins Extreme Materials Institute (Johns Hopkins University, Baltimore, MD, USA)
HEMT	High-Electron-Mobility Transistor
HEOS	Hit Explorer Operation System
HEP	Hochenergiephysik, High-Energy Physics
HEP	Hochschulneuerungsprogramm (neue Bundesländer)
HEPAP	High-Energy Physics Advisory Panel (USA)
HEPCOS	High-Energy Physics and Cosmology Group (University at Buffalo, NY, USA)
HEPnet	High Energy Physics Network
HEPP	High Energy and Particle Physics Division (EPS)
HEPPA	High Energy Particle Physics and Astrophysics (Colorado State University, USA)
HER	Human Epidermal Growth Factor Receptor
HERA	Hadron-Electron Ring Accelerator, Hadron-Elektron-Ring-Anlage (DESY, bis/until 2007)
HERA	Hydrogen Epoch of Reionization Array
HERMES	Hotspot Ecosystem Research on the Margins of the European Seas
HERTZ	Hybrid European RF and Antenna Test Zone (ESA)
HERV	Humanes Endogenes Retrovirus
HES	High Energy Stereoscopic System (Gammastrahlenteleskop/gamma ray telescope array, Namibia)
HES	Home Electronic System
HES	Hybrid Evolutionary System (Systembeschreibung/system description)
HESA	Higher Education Statistics Agency (UK)
HESS	High Energy Seismic Survey (Meeresbiologie/marine biology)
HESS	High Energy Stereoscopic System (Teleskop/telescope in Namibia)
HET	Hall-Effect Thruster (electric propulsion system)
HET	High-Performance Computing in Europe Taskforce (seit/since 2006)
HET	Hobby-Eberly-Telescope (Davis Mountains, TX, USA)
HETDEX	HET Dark Energy Experiment
HETE	High Energy Transient Explorer (Satellite, NASA)
HETP	Height Equivalent to One Theoretical Plate (Maß für Trennleistung eines chemischen Analysesystems, z.B. 20 µm bei Chromatographie/measure of separation resolution, e.g. 20 µm in chromatography)
HEU	Highly Enriched Uranium
HEV	Hybrid Electric Vehicle
HEVC	High Efficiency Video Coding
HEW	Half Energy Width (Teleskop/telescope)
HEW	Hamburgische Elektrizitätswerke
HEXAFLY INT	High-Speed Experimental Fly Vehicles International
HF	Hochfrequenz, High Frequency (3 – 30 MHz)
HF	Human Factors (TC im/in the ETSI)
HFB	Hartree-Fock-Bogoljubow
HFBR	High Flux Beam Reactor (Brookhaven, Long Island, NY, USA)

HFC	Hybrid Fibre Coax(ial) (Cable) (Telekommunikation/telecommunication)
H-FDD	Hybrid Frequency Division Duplex (Telecommunication, Combination of Time and Frequency Division Duplex)
HFEA	Human Fertilisation and Embryology Authority
HFF	Hochschule für Fernsehen und Film (München)
HFH	Hamburger Fernhochschule
HFIR	High Flux Isotope Reactor (ORNL)
HFIM	Heißfilm-Luftmassenmesser
HFN	High-Frequency Notched (audiogram)
HFNL	Hefei National Laboratory [for Physical Sciences at Microscale] (CN)
HFO	Halbleiterwerk Frankfurt/Oder (DE)
HFOV	Hochfrequenz-Oszillationsventilation (künstliche Beatmung/artificial respiration)
HFP	Handsfree Profile (Telekommunikation/telecommunication)
HFR	High-Flux Reactor (GFS, Petten, NL)
HFR	Hybrid Fiber Radio
HFSP	Human Frontier Science Program
HFTL	Hochschule für Telekommunikation Leipzig (DE)
HFU	High-Frequency Ultrasound
HG	Hermite Gaussian (Lasermode/laser mode)
HG	Hörgerät
HGAC	Human Genetic Advisory Commission
HGC	Hercules Graphics Card
HGF	Hermann von Helmholtz-Gemeinschaft Deutscher Forschungszentren
HGL	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
HGP	Human Genome Project
HGS	Human Genome Sciences
HGSFP	Heidelberg Graduate School of Fundamental Physics (Universität/University of Heidelberg, DE)
HGÜ	Hochspannungs-Gleichstrom-Übertragung
HGV	Hochgeschwindigkeitsverkehr (Schienenverkehr/rail traffic)
HH	(Hansestadt) Hamburg (Bundesland/German Federal State)
HHC	Higher Harmonic Control
HHG	Hessisches Hochschulgesetz
HHG	High[-Order] Harmonic Generation (kurze Lichtimpulse/short light pulses)
HHI	Heinrich-Hertz-Institut für Nachrichtentechnik (Fraunhofer-Institut, Berlin, neuer Name)
HHI	Heinrich-Hertz-Institut für Schwingungsforschung (Berlin, alter Name)
HHMI	Howard Hughes Medical Institute (Ashburn, VA, USA)
HHNA	Hypothalamus-Hypophysen-Nebennierenrinden (-Achse)
HHS	Health and Human Services (US Government Department)
HI	Hawaii (US-Staat/US state)
HIC	Head Injury Criteria (Insassensicherheit/passenger safety)
HIC	Heterogeneous Interprocessor Communications and Standards
HIC	Hydrophobic Interaction Chromatography
HICAS	High Velocity Impact of Composite Aircraft
HIDE	Heavy-Ion Demonstration Experiment
HIDIF	Heavy Ion Driven Inertial Fusion
HIDRA	Hybrid Illinois Device for Research and Applications (reactor)
HIF	Heavy-Ion Fusion
HIF	Hochschulinternes Fernsehen (Göttingen)
HIF	Hypoxie-induzierbarer Faktor (Protein)
HIFF	Hafnium Isomer Production Panel (DARPA)
HIFi	High Fidelity (Unterhaltungselektronik)
HIFI	Hawaii Imaging Fabry-Pérot Interferometer (Astronomie/astronomy)
HIFI	Heterodyne Instrument for the Far Infrared
HIFRL	Heavy Ion Research Facility in Lanzhou (CN)
HIFT	Heard Island Feasibility Test
HIFU	High-Intensity Focused Ultrasound
HighPerFlex	High Performance Flexible Aircraft (DLR project)
HIGS	High-Intensity Gamma-Ray Source
HIH	Hertie-Institut für Klinische Hirnforschung (Tübingen)
HIK	Heidelberger Institut für Internationale Konfliktforschung
HIL	Hardware-in-the-Loop
HILA	High Inertia – Low Acceleration
HILAC	Heavy Ion Linear Accelerator
HILES	HIL-Echtzeitsimulation
HIMB	Hawaii Institute of Marine Biology
HINARI	Health Internet Access to Research Initiative
HINVA	High Lift Inflight Validation (DLR + Airbus)
HIP	Heterogeneous-Compute Interface for Portability
HIPAA	Health Insurance Portability and Accountability Act (USA)
HiPEAC	High-Performance and Embedded Architectures and Compilers (Conference series)
HiPER	High Power Laser Energy Research (facility, planned for 2020, feasibility demonstration between 2010 and 2012, 26 partners in 9 countries)
HIPERLAN	High Performance Radio LAN (Telekommunikation/telecommunication)
HiPIE	High Performance Indoor Environment (laboratory, IBP)
HIPPARCOS	High Precision Parallax Collecting Satellite (ESA 1989)
HIPS	High Impact Polystyrene
HIPS	Homeland Innovative Prototypical Solutions
HIPSEC	High Pressure Science and Engineering Center (UNLV)
HiRes	High Resolution Fly's Eye (University of Utah, USA)



HiRISE	High Resolution Imaging Science Experiment (Raumfahrt/spacecraft)
HIS	Hinweis- und Informationssystem
HIS	Hochschul-Informationssystem
HIS	Hydrologic Information System (USA)
HI-SEAS	Hawaii Space Exploration Analog and Simulation (project)
HISPICO	Hoch-integrierter S-Band-Sender für PICO- und Nano-Satelliten
HI-STEM	Heidelberger Institut für Stammzell-Technologie und Experimentelle Medizin
HIT	Heterojunction with Intrinsic Thin Layer (solar cells)
HIT	High-Intensity Training (Medizin/medicine)
HIT	Human Intestinal Tract
HITL	Hardware-in-the-Loop
HITRAN	High-Resolution Transmission Molecular Absorption Database (Harvard-Smithsonian Center for Astrophysics)
HITRAP	Heavy Ion Trap
HITS	Heidelberger Institut für Theoretische Studien
HITS	High-Impact Technology Solutions
HiTS/ISAC	Highway to Security: Interoperability for Situation Awareness and Crisis Management (EU, 10 partners in 9 countries: EE, ES, DK, FI, FR, LT, LV, PL, SE)
HITU	High Intensity Therapeutic Ultrasound
HIU	Helmholtz-Institut Ulm (für elektrochemische Energiespeicherung)
HIV	Human Immunodeficiency Virus, Human-Immunschwäche-Virus
HJ	Hitlerjugend (NS-Organisation)
HK	Hongkong/Hong Kong (ISO 3166)
HKA	Hauptkomponenten-Analyse (= PCA)
HKBU	Hong Kong Baptist University
HKI	Hans-Knöll-Institut für Naturstoffforschung (Jena)
HKIA, HKIOA	Hong Kong Institute of Acoustics (since 1993)
HKOES	Hong Kong Optical Engineering Society
HKP	Hochschulkooperationsprogramm (EU)
HKU	Hong Kong University
HKUST	Hong Kong University of Science and Technology
HL	Hidden Layer (neuronal Netze/artificial neural networks)
HLA	Horizontal Line Array (ocean acoustics)
HLA	Human Leukocyte Antigen, humanes Leukozyten-Antigen (Biochemie/biochemistry)
HLD	High Magnetic Field Laboratory Dresden (DE, 2007)
HLDC	High-Level Data Link Control (UKW-Seefunk)
HLKO	Haager Landkriegsordnung
HLL	High-Speed Low-Voltage Low-Power (Logik-ICs/logical ICs)
HL-LHC	High-Luminosity Large Hadron Collider (CERN)
HLP	[Dateinamenerweiterung: Windows-Hilfe-Datei/file name extension: Windows help file]
HLR	Home Location Register (Telekommunikation/telecommunication)
HLRB	Höchstleistungsrechenzentrum in Bavaria
HLRS	Höchstleistungsrechenzentrum Stuttgart
HLRZ	Höchstleistungsrechenzentrum (Jülich)
HLU	Hilfe zum Lebensunterhalt („Sozialhilfe“)
HLW	Herz-Lungen-Wiederbelebung
HLW	High-Level Waste (radioaktiver Abfall/radioactive waste)
HL7	Health Level Seven (US medical standard)
HM	Hardware Manager
HM	Heard und McDonald-Inseln/Heard and McDonald Islands (ISO 3166)
HMD	Head-Mounted Display (virtuelle Realität/virtual reality)
HMDO	Hexamethyldisiloxan
HMF	[International Conference on] High Magnetic Fields [in Semiconductor Physics]
HMGU	Helmholtz-Zentrum München – Deutsches Forschungszentrum für Gesundheit und Umwelt
HMI	Hahn-Meitner-Institut (Berlin)
HMI	Helioseismic and Magnetic Imager
HMI	Human-Machine Interface
HMM	Hidden Markov Model
HMR	Home Location Register (Heimat-Datei)
HMRI	Helical Magnetic Resonance Imaging
HMS	Harvard Medical School (Boston, MA, USA)
HMS	Headend Management System
HMS	Health Monitoring System (Flugzeug/aircraft)
HMS	Her Majesty's Ship
HMS	Hull Mounted Sonar
HMT	Histonmethyltransferase (Genetik)
HMWK	Hessisches Ministerium für Wissenschaft und Kultur
HMX	Tetramethylen tetranitramin (Octogen, Sprengstoff/explosive)
HMXB	High-Mass X-Ray Binary (Röntgendoppelstern/X-ray double star)
HN	Honduras (ISO 3166)
HNLF	Highly Nonlinear Fibers (Laser)
HNM	Heliport Noise Model (Lärmbewertung/noise rating)
HNMC	Hub Network Management Computer
HNO	Hals-, Nasen- und Ohren(-Klinik oder -Patient/clinic or patient)
HO	HandOver (Telekommunikation/telecommunication)
HOBOS	Honeybee Online Studies (Universität Würzburg)
HOE	Holografisches optisches Element
HOG	Histograms of Oriented Gradients (human body detection)
HOLL	High (Ölsäure)-Low (Linolensäure) (haltbares Öl/well keeping oil)

HOLiCOW	H <sub>0</sub> Lenses in COSMOGRAIL's Wellspring
HOLLI	High Oleic Low Linoleic (Raps)
HOLOMAR	High-Resolution <i>in situ</i> Holographic Recording and Analysis of Marine Organisms and Particles (EU project)
HOLT	High-Order Layerwise Theory (Verbundwerkstoffe/compounds)
HOMO	Highest Occupied Molecular Orbital
HONC	Hooked on Nicotin Checklist
HOPI	History of Physicists in Industry (AIP project)
HOPI	Hybrid Optical Packet Infrastructure (optische Telekommunikation/optical telecommunication)
HOS	Higher-Order Statistics
HOSSANA	Holistic and Sustainable Abatement of Noise by Optimized Combinations of Natural and Artificial Means (EU project)
HOT	Highly Optimized Tolerance
HOT	Holographic Optical Tweezer
HOTS	Holographic Optical Telescope and Scanner
HP (hp)	Hewlett Packard
HP	High Priority
HPA	High Power Amplifier
HPA	Hypothalamus-Hypophysen-Nebennierenrinden-Achse
HPAI	Highly Potent Active Ingredient
HPC	Health Professional Card (smart card)
HPC	High Performance Computing (or: Computer)
HPC	High-Power Calculations
HPCaaS	High Performance Computing as a Service
HPCAC	High Performance Computing Advisory Council
HPCC	High Performance Computing and Communication (USA)
HPCC	High Performance Computing Cluster
HPCF	High Performance Computing Facility (UK)
HPCG	High Performance Conjugate Gradient
HPCI	High Performance Computing Initiative (Arizona State University, USA, and Japan)
HPCN	High Performance Computing and Networking (ESPRIT)
HPCS	High Performance Computing Symposium
HPCS	High Performance Computing Systems
HPC1	Human Prostate Cancer 1
HPC5	High Performance and Cloud Computing Cross-Border Competence Consortium
HPD	Hearing Protection Device
HPDA	High-Performance Data Analysis
HPDDL	High-Power Direct-Diode Laser
HPDL	High-Power Diode Laser
HPF	Habitable Zone Planet Finder (HET)
HPF	High Performance Fortran
HPGe	High-Purity Germanium (detectors)
HPGL	Hewlett Packard Graphics Language
HPHT	High Pressure High Temperature (Diamant/diamond)
HPI	Heinrich-Pette-Institut für Experimentelle Virologie und Immunologie (Hamburg)
HP-IB	Hewlett Packard Interface Bus
HPLC	High Performance Liquid Chromatography
HPLMN	Home Public (and) Land Mobile Network (Telekommunikation/telecommunication)
HPNA	Home Phoneline Networking Alliance (Telekommunikation/telecommunication)
HPS	Heavy Photon Search
HPS	High Performance Storage
HPS	High Purity Standard (analytische Chemie/analytical chemistry)
HPS	Human Patient Simulator
HPS	The Hungarian Physical Society
HPSK	Hybrid Phase Shift Keying (Telekommunikation/telecommunication)
HPSS	High Performance Storage System
HPT	Hexapod-Telescope
HPTR	Heterodyne Picosecond Thermoreflectance
HPUE	High Power User Equipment
HPV	Human Papillomavirus, Human-Papillomavirus
HPVM	High Performance Visual Machine
HPWT	High Performance Work Team
HP3	Heat Flow and Physical Property Package (DLR instrument for InSight (Marsprobe))
HQ	Headquarters
HQ	High Quality
HQOC	Harvard Quantum Optics Center (Harvard University, USA)
HQV	Half-Quantum Vortex (superconductivity)
HR	Hertzsprung–Russell (diagram, astrophysics)
HR	Hessischer Rundfunk
HR	High Resolution
HR	Kroatien/Hrvatska (ISO 3166)
HRC	Harmonically Related Carrier
HRD	Hertzsprung-Russell-Diagramm (Astronomie/astronomy)
HRDC	Hybrid Rice Research and Development Consortium
HRED	Human Research and Engineering Directorate (ARL, USA)
HREEL(S)	High Resolution Electron Energy Loss Spectroscopy
HRG	Histidinreiches Glykoprotein
HRH	Her Royal Highness
HRI	High Resolution Imager (Röntgenstrahl-Satellit/X-ray satellite)
HRIBF	Holifield Radioactive Ion Beam Facility (ORNL, USA)

HRIIS	High-Resolution Infrared Imaging Spectrometer
HRIR	Head-Related Impulse Response (Akustik/acoustics)
HRJ	Hydrotreated Renewable Jet (alternativer Flugzeugtreibstoff/alternative aircraft fuel)
HRK	Hochschulrektorenkonferenz
HRS	Hyper-Raman Scattering
HRSC	High Resolution Stereo Camera (ESA-Sonde/probe)
HRST	Human Resources in Science and Technology
HRTEM	High-Resolution Transmission Electron Microscopy, Hochaufgelöste Raster-Transmissions-Elektronenmikroskopie
HRTF	Head-Related Transfer Function
HRU	Helium Recovery Unit
HRV	Herzfrequenzvariabilität
HRW	Human Rights Watch (Menschenrechtsorganisation)
HSAM	Highly Superior Autobiographical Memory (hochgradig überlegenes autobiografisches Gedächtnis)
HSARPA	Homeland Security Advanced Research Projects Agency (USA)
HSC	High Speed Club
HSC	High Speed Cutting
HSCSD	High Speed Circuit Switched Data (Telekommunikation/telecommunication)
HSCT	hämatopoetische Stammzell-Transplantation
HSDL	Hierarchical Scan Description Language
HSDPA	High Speed Downlink Packet Access (Telekommunikation/telecommunication)
HS-DPCCCH	High Speed Dedicated Physical Control Channel (Telekommunikation/telecommunication)
HS-DSCH	High Speed Downlink Shared Channel (Telekommunikation/telecommunication)
HSE	High Speed Ethernet
HSE	High Surface Energy
HSE	Highly Siderophile Element (astrophysics)
HSE	hohe Schmerzempfindlichkeit
HSEAS	Harvard School of Engineering and Applied Sciences
HSFK	Hessische Stiftung Friedens- und Konfliktforschung
HSI	High Speed Internet
HSI	Hyperspectral Imaging
HSIA	High Speed Internet Access
HSK	Heizungs-, Sanitär- und Klimatechnik
HSL	Homoserinlacton
HSP	Hitzeschock-Protein
HSP	Hochschulsonderprogramm
HSPA	High Speed Packet Access (Telekommunikation/telecommunication)
HS-PDSCH	High Speed Physical Downlink Shared Channel (Telekommunikation/telecommunication)
HSRS	Hot Spot Recognition System (Satelliten–Feuer–Erkundung)
HSRV	humanes Spuma-Retrovirus
HSS	harter Schnellstahl (Werkzeuge/tools)
HSS	High Speed Switch (Datennetz/data network)
HSS	Home Subscriber Server (Telekommunikation/telecommunication)
HSS	Humanities and Social Sciences
HS-SCCH	High Speed Shared Control Channel (Telekommunikation/telecommunication)
HST	Hubble Space Telescope
HStAH	Hauptstaatsarchiv Hannover
HSUPA	High Speed Uplink Packet Access (Telekommunikation/telecommunication)
HSVA	Hamburgische Schiffbau-Versuchsanstalt
HSWS	Hartmann-Shack Wavefront Sensor
HT	Haiti (ISO 3166)
HT	High Temperature
HT	High Throughput
HT	High Transmission (filter)
HTB	Heterobipolar-Transistor
HTC	Hubbard Theory Consortium (established 2010)
HTC	Hyperwork Technology Conference
HT-CMC	High Temperature Ceramic Matrix Composites
HTDV	Human Teratocarcinoma-Derived Virus
HTE	High-Temperature Electrolysis (Wasserstoff-Kraftwerk/hydrogen power plant)
HTE	High Throughput Experimentation
HTF	Hub Terminal Facilities
HTG	Hyperschall-Technologie Göttingen (DLR)
HT-HPLC	High Temperature High Performance Liquid Chromatography, Hochtemperatur-Flüssigkeitschromatographie
HTLV	humanes T-lymphotropes Virus
HTM	[Dateinamenerweiterung: Internet-Datei/file name extension: Internet file]
HTMB	Hamburger Test für mathematische Begabung
HTMC	High Temperature Mechanical Testing Committee (UK)
HTML	HyperText Markup Language [Dateinamenerweiterung: Internet-Datei/file name extension: Internet file]
HTMT	Hybrid Technology/Multithreaded System (Supercomputer)
HTP	High Test Peroxide
HTR	Handwritten Text Recognition
HTS	Heights (US Mail)
HTS	High-Throughput Screening
HTS(C)	High Temperature Superconductor (Hochtemperatur-Supraleiter)
HTS(L)	Hochtemperatur-Supraleiter (High-T <sub>c</sub> superconductor)
HTTP	Hypertext Transfer (or Transmission) Protocol (Computer-Netzwerk/computer network, WWW)
HTTPS	HTTP Secured

HTW	Hochschule für Technik und Wissenschaft (Berlin)
HU	Howard University (Washington, DC, USA)
HU	Humboldt-Universität (Berlin)
HU	Ungarn/Hungary (ISO 3166)
HUA	Harvard University Archive
HUAC	House Un-American Activities Committee (Antispiionage-Maßnahme der USA)
HUD	Housing and Urban Development
HUGO	Human Genome Organization
HUPAS	Howard University Program in Atmospheric Sciences (Washington, DC, USA)
HUS	hämolytisch-urämisches Syndrom
HUSL	Harvard Underwater Sound Laboratory
HUST	Huazhong University of Science and Technology (Wuhan, CN)
HUTT	High-Resolution Ultrasonic Transmission Tomography
HV	High Quality Voice Packet (Telekommunikation/telecommunication)
HV	Obervolta/Upper Volta (ISO 3166 bis/until 1984)
HvA	Hogeschool van Amsterdam
HVAC	Heating, Ventilation and Air Conditioning
HVC	High-Velocity Cloud (astronomy)
HVDC	High-Voltage Direct-Current (verlustarme Hochspannungsleitung/low-loss power line)
HVM	High-Volume Manufacturing
HVO	Hawaiian Volcano Observatory
HVPE	Hydride Vapor Phase Epitaxy (semiconductor technology)
HVPLS	Hierarchical Virtual Private LAN Service (Telekommunikation/telecommunication)
HWB	Halbwertsbreite
HWC	Hydrophobe Wechselwirkungschromatographie
HWEC	Hyperworks Enabled Community
HWI	Hauptman-Woodward Medical Research Institute (Buffalo, NY, USA)
HWW	Harzwasserwerke
HWY	Highway (US Mail)
HXMT	Hard X-Ray Modulated Telescope (Chinesischer Satellit/Chinese satellite)
HyCoMET	Hybrid-Composite Experimental Rocket
HYKAT	Hydrodynamik- und Kavitationstunnel (HSVA)
HYPOS	Hydrogen Power Storage and Solutions East Germany
HYSWIM	Hydrogen Switchable Mirror
HYSOP	Hybrid Silicide-Based Lightweight Components for Turbine and Energy Applications
HyspIRI	Hyperspectral Infrared Imager (JPL)
HZDR	Helmholtz-Zentrum Dresden-Rossendorf e.V.
HZG	Helmholtz-Zentrum Geesthacht – Zentrum für Material- und Küstenforschung
HZI	Helmholtz-Zentrum für Infektionsforschung (Braunschweig)
HZT	High-Z Supernova Search Team
IA	Ingoing Access
IA	Iowa (US-Staat/US state)
IAA	Internationale Astronautische Akademie
IAA	Internationale Automobilausstellung (Berlin, jeweils im/always in September)
IAA	Irish Aviation Authority (Flugsicherungsbehörde)
laaS	Infrastructure as a Service (for research computation)
IAAS	Institut für Angewandte Analysis und Stochastik (Berlin)
IAB	Institut für Akustik und Bauphysik (Oberursel/Ts.)
IAB	Institut für Arbeitsmarkt- und Berufsforschung (der Bundesanstalt für Arbeit)
IAB	Internet Administration (or: Architecture) Board
IABAG	Industrieanlagen-Betriebsgemeinschaft
IAC	Instituto de Astrofísica de Canarias
IAC	International Astronautical Congress
IACC	Interaural Cross-Correlation
IACIS	International Association of Colloid and Interface Scientists
IACM	International Association for (or: of) Computational Mechanics
IACS	Image-Activated Cell Spacing (Biotechnologie/biotechnology)
IAD	Integrated Access Device
IAD	Ion-Assisted Deposition
IADC	Inter-Agency Space Debris Coordination Committee
IADS	Integrated Active Drive System (Kfz-Fahrdynamik-Management/vehicle)
IADS	International Affective Digitized Sounds
IAE	Instituto de Aeronáutica e Espaço (Brazil)
IAEA	International Atomic Energy Agency (Wien, AT)
IAEO	International Atomic Energy Organisation
IAES	Institute for Advanced Energy Solutions (USA)
IAESTE	International Association for the Exchange of Students for Technical Experience
IAF	[Fraunhofer-] Institut für Angewandte Festkörperphysik (Freiburg/Br.)
IAGC	International Association of Geophysical Contractors
IAGOS	In-Service Aircraft for a Global Observing System
IAI	Israel Aircraft Industries, Israel Aerospace Industry
IAIS	[Fraunhofer-] Institut für Intelligente Analyse- und Informationssysteme (Sankt Augustin)
IAKF	Interessengemeinschaft für Autofreie Kur- und Fremdenverkehrsorte in Bayern
IAKK	interaurale Kreuzkorrelation
IAM	Identity and Access Management
IAM	Integrated Assessment Model

IAMP	International Association for Mathematical Physics
IAMS	Institute of Atomic and Molecular Sciences (Academia Sinica, Taiwan)
IANUS	Interdisziplinäre Arbeitsgruppe Naturwissenschaft, Technik und Sicherheit (TU Darmstadt)
IAO	[Fraunhofer-] Institut für Arbeitswirtschaft und Organisation (Stuttgart)
IAP	[Fraunhofer-] Institut für Angewandte Polymerforschung (Potsdam-Golm)
IAP	Institut für Atmosphärenphysik (Kühlungsborn, Mecklenburg-Vorpommern)
IAP	Internet Access Provider
IAP	Internet Protocol Access Point
IAPCM	Institute of Applied Physics and Computational Mathematics (Beijing, China)
IAPP	Institut für Angewandte Photophysik (TU Dresden)
IAPS	International Affective Picture System
iAQC	Integrated Active Quenching Circuitry
IARC	International Agency for Research on Cancer
IARPC	Interagency Arctic Research Policy Committee
IARU	International Amateur Radio Union
IAS	Institute for Advanced Study (Princeton, NJ, USA, and Shenzhen University, CN)
IAS	Interactive Assessment Score (education)
IAS	Islamic Academy of Sciences
IASB	Industry Association Synthetic Biology
IASC	International Arctic Science Committee
IASI	Infrared Atmospheric Sounding Interferometer
IASOA	International Arctic Systems for Observing the Atmosphere
IASP	International Association for the Study of Pain
IASPEI	International Association of Seismology and Physics of the Earth's Interior
IASTED	International Association of Science and Technology for Development
IASTU	Institute for Advanced Study, Tsinghua University (Beijing, CN)
IAT	Implizierter Assoziationsstest (Psychologie)
IAT	Institut Arbeit und Technik (Gelsenkirchen)
IATA	International Air Transport Association
IATC	Intermittent Automatic Train Control (z.B./e.g., INDUSI) (Eisenbahntechnik/railway technology)
IAU	International Astronomical Union
IAV	Informations-, Anlauf- und Vermittlungsstelle (Karlsruhe)
IAVI	International AIDS Vaccine Initiative
iaw	Institut für angewandtes Wissen (Köln)
IAWN	International Asteroid Warning Network
IA XO	International Axion Observatory
IBA	Important Bird Area (Naturschutz/nature conservation)
IBAC	International Bioacoustics Congress
IBAD	Ion Beam Assisted Deposition
IBAN	International Bank Account Number
IBBA	Interval Branch and Bound Algorithm
IBC	Integrated Broadband Communication
IBC	International Broadcast(ing) Convention (conference series)
IBE	Interaktive Bildschirmexperimente
IBEM	Inverse Boundary Element Method
IBEX	Interstellar Boundary Explorer (Astronomie/astronomy)
IBFM	Interacting Boson Fermion Model
IBID	India Business Insight Database
IBM	Interacting Boson Model
IBM	International Business Machines Corporation
IBM	Internationale Briefmarken-Messe
iBMB	Institut für Baustoffe, Massivbau und Brandschutz (TU Braunschweig)
IBMP	Institut für Biomedizinische Probleme (Moskau)
IBMS	In-Beam Mössbauer Spectroscopy
IBMT	[Fraunhofer-] Institut für Biomedizinische Technik (St. Ingbert und Potsdam-Golm)
IBOC	In-Band On-Channel (high-definition radio)
lBO:LES	Integrierte betriebliche Optimierung: Lärm, Energie, Stabilität (DLR-Projekt für Bahnverkehr)
IBP	[Fraunhofer-] Institut für Bauphysik (Stuttgart und Holzkirchen)
IBR	Institut für Bioorganische und Radiopharmazeutische Chemie (FZR)
IBRO	International Brain Research Organization
IBS	Institute for Basic Science (Daejeon, Korea)
IBS	International Business Service
IBS	Ion Beam Sputtering
IBSB	International Workshop on Bioinformatics and Systems
IBTA	InfiniBand Trade Association
IBW	Internationales Bureau des Welttelegraphenvereins (gegründet/founded: 1868) Ab/since 1908: Bureau international de l'union télégraphique
IC	Inertial Cloak (acoustic metamaterials)
IC	Integrated Circuit
IC	Intelligence Community
IC	Intercity (Bundesbahn/German train)
IC	Internal Combustion [Engine] (Verbrennungsmotor)
IC	Ion Chromatography; Ionenchromatographie
ICA	Independent Component Analysis
ICA	Infrared Camera for Car
ICA	International Commission for Acoustics
ICA	International Congress on Acoustics (since 1953, every three years)
ICaB	Incoming Call Barrier

ICAB	International Customer Advisory Board
ICABEE	International Conference on Advances in Bio-Informatics and Environmental Engineering
ICADL	International Conference on Asia-Pacific Digital Libraries
ICAE	International Conference on Acoustic Emission
ICAF	International Committee on Aeronautical Fatigue
ICAL	Iron Calorimeter Detector (Neutrinodetektor/neutrino detector)
ICALEO	International Conference on Applications of Lasers and Electrooptics
ICALEPCS	International Conference on Accelerator and Large Experimental Physics Control Systems
ICAM	Industry Circle Additive Manufacturing
I-CAMP	Inter-Continental Advanced Materials and Photonics Summer School
ICAMS	Interdisciplinary Centre for Advanced Material Simulations (Ruhr-Universität Bochum, DE)
ICAO	International Civil Aviation Organization
ICARCF	International Conference on Automation, Robotics and Computer Vision
ICARUS	International Cooperation for Animal Research Using Space
ICAS	International Council of the Aeronautical Sciences
ICASE	Institute for Computer Applications in Science and Engineering (NASA Langley Research Center, Hampton, VA, USA)
ICASSP	[IEEE] International Conference on Acoustics, Speech, and Signal Processing
ICAST	International Conference on Adaptive Structures and Technology
ICB	Institute for Collaborative Biotechnology (USA)
ICBEN	International Commission on the Biological Effects of Noise
ICBM	Intercontinental Ballistic Missile
ICBP	International Council for Bird Preservation
ICC	In-Car Communication
ICC	Institute of Computational Cosmology (Durham University)
ICC	Intelligent Customer Care
ICC	International Convention Centre (Birmingham, UK)
ICC	Internationales Congress Centrum (Berlin)
ICCAD	International Conference on Computer Aided Design
ICCAS	Innovation Center Computer Assisted Surgery (Universität Leipzig, DE)
ICCAT	International Commission for the Conservation of Atlantic Tunas
ICCD	Intensified CCD
ICCE	International Conference on Consumer Electronics
ICCL	International Conference on Computer Languages
ICCT	International Council of Clean Transportation
ICDD	International Centre for Diffraction Data
ICDI	Institut Charles Darwin International
ICDP	International Continental Drilling Program (= KTB)
ICE	In-Car-Entertainment (Autoradio)
ICE	Intercity Express (Bundesbahn/German railway)
ICEM	International Conference on Experimental Mechanics
ICER	Industry Council for Electronic Equipment (UK)
ICES	Institute for Chemical and Engineering Sciences (Singapore)
ICES	Institute for Computational Engineering and Sciences (at University of Texas at Austin, USA)
ICES	International Council for the Exploration of the Sea
ICESat	Ice, Cloud, and Land Elevation Satellite (NASA, since 2003)
ICF	Inertial Confinement Fusion (= Trägheitsfusion) (Reaktor/reactor)
ICFA	International Committee for Future Accelerators
ICFO	Institute of Photonic Sciences (Barcelona, ES)
ICFP	International Centre for Fundamental Physics and Its Interfaces (ENS, Paris, FR)
ICF-UNAM	Instituto de Ciencias Físicas de la Universidad Nacional Autónoma de México
ICG	Institute of Cosmology and Gravitation (University of Portsmouth, GB)
ICG	Intellectual Capital Group (Franklin, MI, USA)
ICGC	International Cancer Genome Consortium
ICGRG	International Commission on General Relativity and Gravitation
ICHEC	Irish Centre for High-End Computing (Dublin and Galway, Ireland)
ICI	Integrated Communication Interface (Telekommunikation/telecommunication)
ICI	Inter-Carrier Interference (Telekommunikation/telecommunication)
ICI	Interchannel Interference (Telekommunikation/telecommunication)
ICIJ	International Consortium of Investigative Journalists
ICIMOD	International Centre for Integrated Mountain Development
ICIP	International Conference on Image Processing (IEEE)
ICIS	International Council of Independent States (seit/since 1984)
ICIT	Interactive Corpus of Indus Texts
ICL	Ice Cube Laboratory (Antarktis-Forschungsstation/antarctic research station)
ICM	Infotainment Cluster Module (Kfz-Technik)
ICM	International Congress Center München
ICM	Intracluster Medium (Astronomie/astronomy)
ICME	Integrated Computational Materials Engineering
ICMI	International Commission for Mathematical Instruction
ICMP	Internet Control Message Protocol (Telekommunikation/telecommunication)
ICMPC	International Conference on Music Perception and Cognition
ICMR	International Center for Materials Research
ICM2ST	International Conference on Methods and Models in Science and Technology
ICN	Information and Communication Network (Siemens)
ICNDT	International Conference "Application of Contemporary Non-Destructive Testing in Engineering"
ICNN	International Conference on Neural Networks
ICNP	International Conference on Network Protocols

ICO	International Commission for (or: on) Optics
ICOMOS	International Council on Monuments and Sites
ICON	International Council on Nanotechnology (Rice University, USA)
ICONIP	International Conference on Neural Information Processing
ICOO	International Congress on Optics and Optoelectronics
ICOS	Integrated Carbon Observation System (EU project)
ICOS	International Catalog of Sources for History and Allied Sciences (AIP)
ICP	Inductively Coupled Plasma
ICP	Interuniversity Cooperation Programme (Europe)
ICPChS	International Congress of Phonetic Sciences
ICPM	International Conference on Plasma Medicine
ICPNM	International Certificate Program for New Media (FhG, CRCG)
ICP-OES	Inductively Coupled Plasma Optical Emission Spectroscopy
ICP-QQQ	Triple Quadrupole Inductively Coupled Plasma
I&C PS	Industrial & Commercial Power Systems [Technical Conference]
ICPS	Industrial Consortium of Polynucleotide Synthesis
ICPS	International Conference on the Physics of Semiconductors
ICQD	International Center for Quantum Design of Functional Materials (University of Science and Technology, Hefei, CN, seit/since 2008)
ICQM	International Center for Quantum Materials (Peking University, CN)
ICR	Institute of Cancer Research (London, UK)
ICR	International Conflict Research (group)
ICR	Ion Cyclotron Resonance
ICRA	International Conference on Robotics and Automation
ICRAC	International Committee for Robot Arms Control
ICRF	Imperial Cancer Research Fund (London, UK)
ICRM	International Committee for Radionuclide Metrology
ICRP	International Commission on Radiological Protection
ICRU	International Commission on Radiation Units and Measurements
ICS	Interactive Supercomputing
ICS	International Commission on Stratigraphy
ICSA	International Congress on Spatial Audio
ICSAI	International Conference on Systems and Informatics
I-CSCF	Interrogating Call Session Control Function (Telekommunikation/telecommunication)
ICSI	International Computer Science Institute (Berkeley, CA, USA)
ICSI	Intracytoplasmatische Spermieninjektion (künstliche Befruchtung)
ICSLP	International Conference on Spoken Language Processing
ICSOS	International Conference on the Structure of Surfaces
ICSS	Integrated Communications and Solutions Services (Telekommunikation/telecommunication)
ICSTI	International Council for Scientific and Technical Information
ICSU	International Council of Scientific Unions (seit/since 1931; umbenannt in/renamed into International Council for Science)
ICSV	International Conference on Sound and Vibration
ICT	Inductive-Core Transformer
ICT	Information and Communication Technology
ICT	[Fraunhofer-] Institut für Chemische Technologie (Pfinztal bei/near Karlsruhe)
ICTA	International Center for Technology Assessment (USA)
ICTAM	International Congress on Theoretical and Applied Mechanics
ICTCA	International Conference on Theoretical and Computational Acoustics
ICTP	[Abdus Salam] International Centre for Theoretical Physics (Trieste, IT, seit/since 1964; also in Sao Paulo, BR, since 2012. See also SAIFR and MAIS)
ICTT	International Conference on Transport Theory
ICU	Intensive Care Unit (Krankenhaus/hospital)
ICU	International Congress on Ultrasonics
ICUME	International Conference on Uncertainty in Mechanical Engineering
I-CVUE	Incentives for Cleaner Vehicles in Urban Europe
ICW	Internet Call Waiting (Telekommunikation/telecommunication)
ICZM	Integrated Coastal Zone Management (Meeresküstenschutz/sea shore conservation)
ID	Idaho (US-Staat/US state)
ID	Identifier
ID	Indonesien/Indonesia (ISO 3166)
ID	Intelligent Design
IDA	Institute for Defense Analyses (USA)
IDA	Interface for Distributed Automation
Idaflieg	Interessengemeinschaft deutscher akademischer Fliegergruppen
IDB	Intelligent Transportation System Data Bus
IDBS	Interactive Data Business Solutions
IDC	Insulation Displacement Connection
IDC	International Data Corporation
IDC	International Data Centre, Internationales Datenzentrum (CTBTO, Wien/Vienna)
IDDP	Iceland Deep Drilling Project
IDDS	Integrated Dynamic Drive System (Kfz/automobile)
IDE	Integrated Development Environment
IDEM	Informations- und Dokumentationsstelle Ethik in der Medizin
IDF	Intermediate Data File
IDF	International Diabetes Federation
IDF	International DOI Foundation
IDFT	Inverse Discrete Fourier Transform, inverse diskrete Fourier-Transformation
IDIES	Institute for Data Intensive Science and Engineering (JHU)

IDL	Interactive Data Language
IDL	Interface Definition (or: Description) Language
IDMP	Identification of Medical Products
IDMT	[Fraunhofer-] Institut für Digitale Medientechnologie (Ilmenau)
IDNDR	International Decade for Natural Disaster Reduction
IDnet	Intelligent Design Network
I-DOT	Immediate Drop on Demand Technology
IdP	Identity Provider (Telekommunikation/telecommunication)
IDP	Institut für Datenanalyse und Prozessdesign (Wintherthur, CH)
IDP	Intrinsically Disordered Protein
IDPF	International Digital Publishing Forum
i.d.R.	in der Regel
IDR	Inter-Domain Routing (Telekommunikation/telecommunication)
IDR	Intermediate Data Rate (Telekommunikation/telecommunication)
IDRD	Investigation of the Discourse of Interdisciplinary Research
IDRFC	Internal Dynamic Rate Flow Control (Telekommunikation/telecommunication)
IDS	Institut für Deutsche Sprache (Mannheim)
IDS	Intrusion Detection System (Firewall)
IDTV	Improved Definition Television (100 Hz-Bild/picture)
IDTV	Interactive Digital Television
IDV	Interactive Data Visualization
IDW	International Display Workshop (conference series)
IDWT	Inverse Discrete Wavelet Transform
IE	Ireland/Ireland (ISO 3166)
IEA	International Association for the Evaluation of Educational Achievement
IEA	International Energy Agency, Internationale Energieagentur (Paris, FR)
IEB	Inner Ear Biology
IEC	International Electrotechnical Commission (gegründet/founded 1904)
IECAS	Institute of Electronics, Chinese Academy of Sciences
IECE, IECEJ	Institute of Electronics and Communication Engineers of Japan
IECON	Industrial Electronics Conference
IED	Improvised Explosive Device
IEDCR	Institute of Epidemiology, Disease Control and Research (Bangladesh)
IEE	Institution of Electrical Engineers (UK)
IEE	Intelligent Energy Europe (EU Project 2006–2008)
IEEE	Institute of Electrical and Electronics Engineers (USA)
IEEPA	International Emergency Economic Powers Act (1977)
IEER	Institute for Energy and Environmental Research (USA)
IEICE, IEICEJ	Institute of Electronics, Information, and Communication Engineers of Japan
IEMB	Institut für Erhaltung und Modernisierung von Bauwerken (Berlin)
IEMN	[Carnot] Institut d'Electronique, de Microélectronique et de Nanotechnologie (Lille, FR)
IEN	Istituto Elettrotecnico Nazionale Galileo Ferraris (Torino, IT)
IEO	Inner Earth Object (asteroid)
IEPE	Integrated Electronic Piezoelectric (sensor)
IERE	Institution of Electronic and Radio Engineers (London, GB)
IERS	International Earth Rotation Service
IES	Institute for Environment and Suitability (EU)
IES	Internet Enhanced Services
IESE	[Fraunhofer-] Institut für Experimentelles Software Engineering (Kaiserslautern)
IET	Institution of Engineering and Technology (UK)
IETF	Internet Engineering Task Force
IETS	Inelastic Electron Tunneling Spectroscopy
I/F	Interface
IF	Intermediate Frequency
IFA	Institut für Automobilwirtschaft
IFA	Internationale Funkausstellung
IFAB	International Football Association Board
IFAC	International Federation of Automatic Control
IfADo	Institut für Arbeitsphysiologie (Dortmund)
IFAE	Institut de Fisica d'Altes Energies (University of Barcelona, ES)
IfAK	Institut für Automation und Kommunikation (Magdeburg)
IFALPA	International Federation of Airline Pilots
IFAM	[Fraunhofer-] Institut für Fertigungstechnik und Angewandte Materialforschung (Bremen und Dresden)
IFAO	Institut Française d'Archéologie Orientale (Kairo, Egypt)
IFAR	International Forum for Aviation Research
IFATS	Innovative Future Air Transport System
IfBB	Institut für Biokunststoffe und Bioverbundwerkstoffe (Universität Hannover)
IFC	Industry Foundation Class (Schnittstelle/interface)
IFC	International Finance Corporation (Dakar)
IFE	In-Flight Entertainment System
IFE	Inertial Fusion Energy
IfE	Institut für Erdölforschung (Clausthal-Zellerfeld)
IFE	Institut für Festkörperphysik und Elektronenmikroskopie
IFEM	Infinite Element Method
IFERC	International Fusion Energy Research Center (Rokkasho, JP)
Ifeu	Institut für Energie- und Umweltforschung
IFF	[Fraunhofer-] Institut für Fabrikbetrieb und -automatisierung (Magdeburg)
IfF	Institut für Fahrzeugtechnik (TU Braunschweig)



IFF	Institut für Festkörperforschung [a): am/at the IFW, b): am/at the KFA, Jülich]
IFF	Interchange File Format (Graphikformat)
IFFT	Inverse Fast Fourier Transform
IfH	Institut für Hochenergiephysik (ehem./former DDR, Zeuthen, AdW)
IFIP	International Federation of Information Processing Societies and: International Federation for Information Processing
IFIR	Interpolation Finite-Impulse Response (Filter)
IFJ	Inferior Frontal Junction (Gehirn/brain)
IfL	Institut für Länderkunde (Leipzig)
IfL	Institut für Leibesübungen
IFLA	International Federation of Library Associations and Institutions
IfM	Institut für Meereskunde (Kiel)
IFM	Interfacial Force Microscope
IFME	Institut für Mechanik (Universität Magdeburg)
IFMIF	International Fusion Materials Irradiation Facility
ifmo	Institut für Mobilitätsforschung (BMW Group)
IfN	Institut für Neurobiologie (Magdeburg)
IFN	Institute for Functional Nanomaterials (University of Puerto Rico)
ifo	Institut für Wirtschaftsforschung (München)
IFOK	Institut für Organisationskommunikation (Bensheim)
IFOR	Implementation Force (1995–1996, später/thereafter SFOR)
IFORS	International Federation of Operational Research Societies
IFOS	Institut für Oberflächen- und Schichtanalytik (Univ. Kaiserslautern)
IFP	Institut für Festkörperphysik (KIT)
IFPI	International Federation of the Phonographic Industry
iFQ	Institut für Forschungsentwicklung und Qualitätssicherung
IfR	Institut für Radiochemie (FZR)
IFR	Instrumental Flight Rules
IFR	International Federation of Robotics
IFRB	International Frequency Registration Board (in Genf/Genova, CH)
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer
IFS	In-Flight-Simulation (aircraft testing)
IFS	Institut für Festkörperanalytik und Strukturforschung (am/at the IFW)
IfS	Institut für Sicherheitsforschung (FZR)
IFS	Integrated Forecast System (weather forecast)
IFSA	International Forestry Students Association
IFSC	Instituto di Fisica de Sao Carlos (BR)
IFSDA	International Federation of Stamp Dealers Association
IFT	[Fraunhofer-] Institut für Festkörpertechnologie (München)
IfT	Institut für Troposphärenforschung (Leipzig)
IFT	Instituto de Fisica Teorica (Sao Paulo, BR)
IFTtoM	IT Future of Medicine (EU project)
IFT(o)MM	International Federation for the Theory of Machines and Mechanisms
IFU	[Fraunhofer-] Institut für Atmosphärische Umweltforschung
IFW	[Leibniz-] Institut für Festkörper- und Werkstoffforschung (Dresden, seit 1992)
IfW	Institut für Weltwirtschaft (Kiel)
IFWS	Integrierte Flughafenwettersysteme
IFX	Interactive Financial Exchange
IfZ	Institut für Zeitgeschichte (München)
IG	Intrinsic Gettering
IGA	Inter-Governmental Agreement
IGAPPI	Interdivisional Group for Applied Physics and Physics in Industry (EPS)
IGB	Institut für Gewässerökologie und Binnenfischerei (Berlin)
IGB	[Fraunhofer-] Institut für Grenzflächen- und Bioverfahrenstechnik (Stuttgart)
IGBP	Internationales Geosphären-Biosphären-Programm (Ökologie/ecology)
IGBT	Insulated Gate Bipolar Transistor
IGC	International Genomics Consortium
IGCC	Integrated Gasification Combined Cycle (Kohlekraftwerk/coal power plant)
IGCV	[Fraunhofer-] Einrichtung für Gießerei-, Composite- und Verarbeitungstechnik (Augsburg)
IGD	[Fraunhofer-] Institut für graphische Datenverarbeitung (Darmstadt, Außenstelle/branch in Rostock)
IGDP	Intercollege Graduate Degree Program (Pennstate, USA)
IGeL	individuelle Gesundheitsleistungen
iGEM	International Genetically Engineered Machine [Competition]
IGERT	Integrative Graduate Education and Research Traineeship (NSF, USA)
IGF	Insulinlike Growth Factor
IGG	Intergovernmental Group
I-GGSN	Intelligent Gateway GPRS Support Node (Telekommunikation/telecommunication)
IGI	Information Governance Initiative
IGI	Italian Grid Infrastructure (or: Initiative) (computing)
IGK	Integrated Gatekeeper (Telekommunikation/telecommunication)
IGK	Internationales Graduiertenkolleg
IGLO	Informal Group of RTD Liaison Officers in Brussels (EU)
IGM	Intergalactic Medium
IGMP	Internet Group Management (or: Multicast) Protocol (Telekommunikation/telecommunication)
IGN	Installations-Geräuschnormal (DIN 52218)
IGP	Interior Gateway Protocol (Telekommunikation/telecommunication)
IGPD	Interdivisional Group on Physics for Development (EPS)
IGPDT	Image-Guided Treatment Planning System (health care)

iGREEN	Integrated Green Aircraft (DLR project)
IGRT	Image-Guided Radiation Therapy (health care)
IGS	[Laboratoire] Information Géomique et Structurale (Marseille, FR)
IGS	Integrierte Gesamtschule
IGS	Intergenic Spacer (Genetik/genetics)
IGS	International GPS Service for Geodynamics (Satellitengeodäsie/satellite geodesy)
IGT	Indicazione Geografica Tipica (italienische Wein-Kennzeichnung, entspricht deutschem Landwein/Italian wine classification)
IGTF	International Grid Test Federation
IGV	Institut für Grenzflächenforschung und Vakuumphysik (Jülich)
IGVK	Integriertes Gesamtverkehrskonzept
IGW	Internationale Grüne Woche (Berlin)
IGY	International Geophysical Year (1957/58)
IGZ	Informations- und Geschäftszentrum (DEGA, Berlin)
IGZ	Institut für Gemüse- und Zierpflanzenbau (Großbeeren und/and Kühnhausen bei/near Erfurt)
IHC	Immunhistochemie, Immunohistochemistry
IHC	Inner Hair Cell (in the ear)
IHCP	Institute for Health and Consumer Protection
IHD	Ischemic Heart Disease
IHEP	Institute of High Energy Physics (CERN, CH, and Beijing, CN)
IHÉS	Institut des Hautes Études Scientifiques (bei/near Paris, FR)
IHK	Industrie- und Handelskammer
IHM	Internationale Handwerkswoche
IHMC	Institute for Human and Machine Cognition (Pensacola, FL, USA)
IHMC	International Human Microbiome Consortium (since Oct. 2008)
IHME	Institute for Health Metrics and Evaluation (University of Washington, Seattle, USA)
IHP	Institut für Halbleiterphysik (Frankfurt/Oder)
IHPT	Institut für Physikalische Hochtechnologie e.V. (Jena)
IHST	International Helicopter Safety Team
IHU	Innenhochdruck-Umformen (= Hydroforming)
IIASA	International Institute of Applied System Analysis (Laxemburg bei/near Wien, AT)
IIVAV	International Institute of Acoustics and Vibration
IIC	Impact Insulation Class (building acoustics)
IICQI	International Iran Conference on Quantum Information (1st: Sept. 2007)
IICWG	International Ice Charting Working Group
IID	Independent and Identically-Distributed (Data; Filtertheorie/filter theory)
IID	Interaural Intensity Difference (Richtungshören/directional hearing)
IHS	Insurance Institute for Highway Safety (USA)
IIS	Institute for Interdisciplinary Information Sciences (Tsinghua University, CN)
IIS	International Institute for Integrative Sleep Medicine (University of Tsukuba, JP)
IJ	Internet Initiative Japan
IIM	Institut für Ionenstrahlphysik und Materialforschung (FZR)
IIMV	Internationales Institut für Management und Verwaltung
I-INCE	International Institute of Noise Control Engineering
IIP	International Institute of Physics (Federal University of Rio Grande do Norte, Natal, Brazil)
IIR	Infinite Impulse Response (Digitalfilter/digital filter)
IIS	Indian Institute of Sciences (Bangalore, IN)
IIS	[Fraunhofer-] Institut für Integrierte Schaltungen (Erlangen)
IISB	[Fraunhofer-] Institut für Integrierte Systeme und Bauelementetechnologie (Erlangen)
IISER	Indian Institute of Science Education and Research (a group of universities)
IIT	Illinois Institute of Technology (USA)
IIT	Indian Institute of Technology (Kanpur, IN)
IITA	International Institute of Tropical Agriculture (Nigeria)
IITB	[Fraunhofer-] Institut für Informations- und Datenverarbeitung (Karlsruhe)
IJCNN	International Joint Conference on Neural Networks
IJM	International Journal of Mathematics
IJOS	International Journal of Oral Science
IJSC	International Journal of Systems Control
IJSSD	International Journal of Structural Stability and Dynamics
IKAR	[Landkarten-Datenbank/map data bank] (im/in the DBI)
IKARUS	Instrumente für Klimagas-Reduktionsstrategien
IKARUS	Internet-Katalog betrieblicher Umweltinformationssysteme
IKBD	Intelligent Keyboard Chip
IKC	Integrated Knowledge Centre (UK)
IKE	Internet Key Exchange (Telekommunikation/telecommunication)
IKET	Institut für Kern- und Energietechnik (KIT)
IKH	Institut für Kern- und Hadronenphysik (FZR)
IKIT	Institut für klinische Immunologie und Transfusionsmedizin (Leipzig)
IKM	Institut für elektronische Korrelationen und Magnetismus
IKRK	Internationales Komitee vom Roten Kreuz
IKRN	Institut für Klinische Radiologie und Nuklearmedizin (Mannheim)
IKSD	Internationale Kommission zum Schutz der Donau
IKSE	Internationale Kommission zum Schutz der Elbe
IKSO	Internationale Kommission zum Schutz der Oder
IKSR	Internationale Kommission zum Schutz des Rheins
IKT	Informations- und Kommunikationstechnologien
IKTS	[Fraunhofer-] Institut für Keramische Technologien und Systeme (oder: Sinterwerkstoffe) (Dresden)
IKV	Institut für Kunststoffverarbeitung (Aachen)

IKZ	Institut für Kristallzüchtung (Berlin-Adlershof)
IL	Illinois (US-Staat/US state)
IL	Insertion Loss (Einfügungsdämmung)
IL	Israel (ISO 3166)
ILA	In-Line Amplifier (Glasfaserkabel/glass fiber cable)
ILA	Internationale Luft[- und Raum]fahrtausstellung
ILAC	International Laboratory Accreditation Corporation
ILAF	Identical Location of Accelerometer and Force
ILC	International Laser Center (Staatsuniversität Moskau/State University Moscow)
ILC	International Linear Collider (Fermilab)
ILD	Intelligibility Level Difference
ILD	Interaural Level Difference
ILD	International Large Detector (for the International Linear Collider)
ILE	Institute of Laser Engineering (Osaka, JP)
ILEC	Incumbent Local Exchange Carrier (Telekommunikation/telecommunication)
ILED	Inorganic Light-Emitting Diode
ILEK	Institut für Leichtbau Entwerfen und Konstruieren (Universität Stuttgart)
iLeNa	Intelligente lernende Navigation (Kfz-Entwicklung)
ILI	Instrumentation and Laboratory Improvement
ILI	Internet Librarian International (Conference series)
ILIPT	Intelligent Logistics for Innovative Product Technologies
ILL	Institut Laue-Langevin (Grenoble, FR)
ILM	Industrial Light & Magic (Flüssigkeitssimulation/fluid simulation system)
ILM	Integrated Laser Modulator (optische Telekommunikation/optical telecommunication)
ILM	Intrinsic Localized Modes (Festkörperphysik/solid state physics)
ILMI	Integrated Local Management Interface (Telekommunikation/telecommunication)
ILMZ	Integrated Laser Mach-Zehnder (modulator, optical telecommunication)
ILP	Institute of Lasers and Plasmas (Bordeaux, FR)
ILR	Induced Loudness Reduction
ILS	Instrument Landing System, Instrumentenlandesystem
ILS	Integrated Library System
ILS	Integrated Logistic Support
ILS	Intracavity Laser Spectroscopy
ILSC	International Laser Safety Conference
ILT	[Fraunhofer-] Institut für Lasertechnologie (Aachen, seit/since 1985)
ILV	[Fraunhofer-] Institut für Lebensmitteltechnologie und Verpackung (München, bis 31.12.97/until Dec. 31, 1997; danach/thereafter: IVV)
ILW	Intermediate-Level Waste (radioaktiver Abfall/radioactive waste)
IM	Information Manager (Telekommunikation/telecommunication)
IM	Instant Messaging (Telekommunikation/telecommunication)
IM	Intensitätsmodulation
IM	Interlocking Module (Eisenbahntechnik/railway technology)
IMA	Instituto Mexicano de Acústica
IMA	Integrated Motor Assist
IMA	Interactive Multimedia Association
IMA	International Marinelife Association
IMA	Inverse Multiplex ATM (Telekommunikation/telecommunication)
IMACS	International Association for Mathematics and Computers in Simulation
IMAGE	Imager for Magnetopause to Aurora Global Exploration (NASA, Satellit/satellite)
IMAGES	International Marine Past Global Changes Study
IMAP	Internet Mail (or: Message) Access Protocol (E-Mail Server)
IMAPP	Institute for Mathematics, Astrophysics and Particle Physics (at Radboud University, Nijmegen, NL)
IMARES	Institute for Marine Resources and Ecosystem Studies (NL)
IMAT	Intensity Modulated Arc Therapy
IMB	Institut für Molekulare Biotechnologie (Jena)
IMBA	Institut für Molekulare Biotechnologie (Wien, AT)
IMBP	Institut für Medizinisch-biologische Probleme/Institute for Biomedical Problems (Moskau, RU)
IMCA	International Marine Contractors Association
IMCC	ISDN Management and Coordination Committee (TC im/in the ETSI)
IMCRC	Innovative Manufacturing Cooperative Research Centre
IMD	Intermodulation Distortion
IME	Infinite Memory Engine (computer)
IME	[Fraunhofer-] Institut für Molekularbiologie und Angewandte Ökologie (Schmallenberg und Münster)
IME	Institute of Microelectronics (Singapore)
IMEC	Interuniversity Microelectronics Center (BE)
IMechE	Institution of Mechanical Engineers (UK)
IMEI	International Mobile Equipment Identity (Telekommunikation/telecommunication)
IMEKO	International Measurement Confederation (Budapest, HU)
IMES	Injectable Myoelectric Sensors (Prothesen/prosthetics)
IMF	Infinite Momentum Frame (neutron research)
IMF	[DLR-] Institut für Methodik der Fernerkundung
IMG	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
IMI	Innovative Medicines Initiative (EU)
IMI	International Materials Institutes
IMID	International Meeting on Information Display (conference series)
IMINT	Imaginary Intelligence
IMIS	Integriertes Mess- und Informationssystem zur Überwachung der Umweltradioaktivität
IMK	Innenministerkonferenz

IMK	[Fraunhofer-] Institut für Medienkommunikation (St. Augustin)
IML	[Fraunhofer-] Institut für Materialfluss und Logistik (Dortmund)
IML	International Microgravity Laboratory
IMM	Institut für Mikrotechnik (Mainz)
IMM	Institute of Microelectronics and Microsystems (z.B. in Neapel/e.g. in Naples, IT)
I-MMS	MSS Interconnection Network
IMO	Institut für Mikrostrukturtechnologie und Optoelektronik (Wetzlar)
IMO	International Maritime Organization
IMO	Internationale Mathematik-Olympiade
IMOS	Internationale Motivgruppen Olympiaden und Sport e.V. (Briefmarken-Verein)
IMP	Inosinmonophosphat
IMP	Institut für Molekulare Pathologie (Wien, AT)
IMP	Intermodulation Product
IMP	Interplanetary Monitoring Platform (spacecraft program, 1977)
IMPACCT	Innovative Materials and Processes for Advanced Carbon Capture Technologies
IMPACT	Identification of Novel Targets for Cancer Therapy (EU project)
IMPACT	Illinois Microarchitecture Project Utilizing Advanced Computer Technology
IMPACT	In Situ Measurements of Particle and Coronal Mass Ejections Transients (Sonnenphysik/solar physics)
IMPATT	Impact Avalanche Transit-Time (Diode)
IMPC	Ionosphere Monitoring and Prediction Center (DLR, Neustrelitz)
IMPECC	Infrared Microsystems for Pollution Emission Control on Cars
IMPRESS	Intermetallic Materials Processing in Relation to Earth and Space Solidification (ESA project, 2004–2009)
IMPRS(-QD)	International Max Planck Research School (for Quantum Dynamics) (Heidelberg, DE)
IMPS	Institute for Mathematical and Physical Sciences (Porto Novo, Benin)
IMPT	Intensity-Modulated Proton Therapy
IMR	Intelligent Mobile Redirect (Telekommunikation/telecommunication)
IMRT	Intensity-Modulated Radiation Therapy (Onkologie, Röntgentechnik/oncology, X-ray technology)
IMS	[Fraunhofer-] Institut für Mehl- und Süßspeisen (Castrop-Rauxel)
IMS	[Fraunhofer-] Institut für Mikroelektronische Schaltungen und Systeme (Duisburg)
IMS	Institute of Materials Science (University of Connecticut, USA)
IMS	Institute for Molecular Science (Okazaki, JP)
IMS	Integrated Management Solution (Telekommunikation/telecommunication)
IMS	Intelligent Manufacturing System
IMS	Interactive Multimedia Service (Telekommunikation/telecommunication)
IMS	International Monitoring System (CTBT)
IMS	Internet Protocol Multimedia Subsystem
IMS	Ionen-Mikrofabrikations-Systeme (Firma/company in Wien, AT)
IMS	Ionenmobilitätsspektrometer, Ion-Mobility Spectrometer (analyzer)
IMS	IP Multimedia Subsystem (Telekommunikation/telecommunication)
IMSA	Illinois Mathematics and Science Academy
IMSBF	Information Management System Betriebsfestigkeit
IMSF	Institut für Multiple-Sklerose-Forschung (Göttingen)
IMSI	International Mobile Subscriber Identification (or: Identity)
IMT	Institut für Mikrostrukturtechnik (KfK)
IMT	Institute of Microtechnology (Univ. Neuchâtel, CH)
IMT	International Mobile Telecommunications
IMTA	integrierte multitrophe Aquakultur
IMTC	Instrumentation and Measurement Technology Conference (IEEE)
IMTEK	Institut für Mikrosystemtechnik (Univ. Freiburg)
IMU	Inertial Measurement Unit (Verkehr, Trägheitsnavigation)
IMU	International Mathematical Union
IMUK	Internationale Mathematische Unterrichtskommission (seit/since 1908; später/after on: ICMI)
IMW	Institut für Metallische Werkstoffe (am/at the IFW)
IMWS	[Fraunhofer-] Institut für Mikrostruktur von Werkstoffen und Systemen (Halle)
IN	Indiana (US-Staat/US state)
IN	Indien/India (ISO 3166)
IN	Intelligentes Netz, Intelligent Network
INACH	Instituto Antártico Chileno
INAP	Intelligent Network Application Protocol (or: Part)
INASP	International Network for the Availability of Scientific Publications
Inc.	Incorporated (USA, entspricht Aktiengesellschaft)
INCA	Interhemispheric Differences in Cirrus Properties from Anthropogenic Emissions
INCE	Institute of Noise Control Engineering (USA)
INCEMIC	International Conference on Electromagnetic Interference and Compatibility
INCITE	Innovative and Novel Computational Impact on Theory and Experiment (EU Project since 2003)
INCITE	Institute of Neuronal Computational Intelligence and Technology (Univ. of Stirling, Schottland/Scotland)
INCO	International Cooperation [Cooperation with Third Countries and International Organisations] (EC)
INCREASE	International Cooperation on Research in Environmental Protection, Process Safety and Energy Technology
IND	Improvised Nuclear Device
IND	Investigational New Drug Application
INDC	Intended Nationally Determined Contribution (to climate change)
INDEST	Indian National Digital Library in Engineering Science and Technology
INDUSI	Induktive Zugsicherung (Eisenbahntechnik/railway technology)
IND <sup>2</sup> UCE	Integrated Distributed Data Usage Control Enforcement
INE	Institut für Nukleare Entsorgung (KIT)
INEL	Idaho National Engineering Laboratory
INEP	Instituto Nacional de Estudos e Pesquisas Educacionais Anísio Teixeira (Brazil)
INES	Informationsnetz Elbe-Sanierung

INES	Innovative Navigation European System
INES	International Nuclear Event Scale (IAEA)
INESAP	International Network of Engineers and Scientists Against Proliferation
INET	Institute for New Economic Thinking (since 2009)
INETI	[National Institute of Engineering, Technology and Innovation] (Lisbon, PT)
INEX	International/External Security Continuum (EU, 9 partners in 8 countries: BE, ES, FR, NL, NO, PL, SE, TR)
INF	Intermediate-Range Nuclear Forces
INFCE	International Nuclear Fuel Cycle Evaluation
INFN	Istituto Nazionale di Fisica Nucleare (at several locations in Italy)
InGaAs	Indium-Gallium-Arsenid
INGO	Intensivierte Gewässerüberwachungsorganisation
INHA	Instituto Nacional de Antropologia e Historia (MX)
INI	[Dateinamenerweiterung: Programm-Initialisierungsdatei/file name extension: program initialization file]
INIE	Innovations in Nuclear Infrastructure and Education (DoE Program, USA)
INL	International Iberian Nanotechnology Laboratory (Braga, PT)
INM	Institut National de Métrologie
INM	Integrated (or: Intermediate) Network Management (optische Telekommunikation/optical telecommunication)
INM	Integrated Noise Model (FAA)
INMAPS	Isolated N-Well Monolithic Active Pixel Sensor
INMAR	Intelligent Materials for Active Noise Reduction
Inmarsat	International Maritime Satellite Organization (gegründet/founded 1979)
InnoCaT	Innovationsallianz Green Carbody Technologies
Inno.CNT	Innovationsallianz CNT [Carbon Nanotubes]
InnoMed	Innovative Medicine for Europe
INO	India-Based Neutrino Observatory
INO	Iranian National Observatory
INOK	Institut für Nichtlineare Optik und Kurzzeitspektroskopie (Berlin)
INP	[Leibniz-] Institut für Niedertemperatur-Plasmaphysik (Greifswald)
INPAT	Integration des Patentwesens in die ingenieurmäßige wissenschaftliche Hochschulausbildung
INPI	Institut National de la Propriété Industrielle (FR)
INPRO	International Project (on Innovative Nuclear Reactors and Fuel Cycles)
INQUA	International Union for Quaternary Research
INRA	International Research Associates
INRAP	Institut National de Recherches archéologiques préventives (Basse-Normandie, FR)
INRETS	Institut National de Recherche sur les Transports et leur Sécurité (FR)
INRIA	Institut National de Recherche en Informatique et en Automatique (FR)
INROS	Innovative Rotorsteuerung (Hubschrauber/helicopter)
INRS	Institut National de la Recherche Scientifique (Varenes, PQ, CA)
INS	Inertiales Navigationssystem
INS	Institute for Nuclear Study (University of Tokyo, JP)
INSA	Institut National des Sciences Appliquées (Lyon, FR)
INSAM	International Society for Agricultural Meteorology
InSAR	Interferometric Synthetic Aperture Radar
INSEL	Integrated Simulation Environment Language
INSERM	Institut National de la Santé et de la Recherche Médicale (Hôpital de la Pitié-Salpêtrière, Paris, FR)
InSight	Interior Exploration Using Seismic Investigations, Geodesy and Heat Transport (Mars probe, proposed for 2016)
INSIGNEO	Institute for Biomedical Imaging and Modelling
INSM	Initiative Neue Soziale Marktwirtschaft
INSNA	International Network for Social Network Analysis
INSPIRE	Infrastructure for Spatial Information in the European Community
INSPIRE	Innovation in Science Pursuit for Inspired Research (India)
INSPIRE	Integrated NSF Support Promoting Interdisciplinary Research and Education
INT	Information Notification Table (Telekommunikation/telecommunication)
INT	Istitut für Nanotechnologie (am KIT)
INT	[Fraunhofer-] Institut für Naturwissenschaftlich-Technische Trendanalysen (Euskirchen)
INT	Institute for Nuclear Theory (University of Washington, USA)
Int., Intl.	International
INT	IP/MAC Notification Table (für/for DVB-H)
INTA	Instituto Nacional de Técnica Aeroespacial (Madrid, ES)
INTAS	International Association for the Promotion of Cooperation with Scientists from the New Independent States (Internationale Assoziation zur Förderung der Zusammenarbeit mit Wissenschaftlern aus der früheren Sowjetunion) (Brüssel/Brussels, BE 1993)
INTEGRAL	International Gamma-Ray Astrophysics Laboratory (Satellit/satellite)
Intelsat	Intercontinental Telecommunication Satellite Organization
Internoise	International Congress on Noise Control Engineering
InterPARES	International Research on Permanent Authentic Records in Electronic Systems
INT-MANUS	Intelligent Networked Manufacturing System
INTOR	International Tokamak Reactor (Fusionsreaktor/fusion reactor)
IntServ	Integrated Services (Telekommunikation/telecommunication)
INUMAC	Imaging of Neuro Disease Using High Field Magnetic Resonance and Contrastophores
INVITE	Innovationen, Visionen und Technologien; Innovation, Vision, Technology (Forschungszentrum, Leverkusen)
IO	Britisches Territorium im Indischen Ozean/British Indian Ocean Territory (ISO 3166)
I/O	Input/Output
IOBB	Input Output, Broadband (Telekommunikation/telecommunication)
IOC	Integrated Optical Circuits
IOC	Intergovernmental Oceanographic Commission (UNESCO)
IOCNET	Input/Output Carrier Network (Telekommunikation/telecommunication)
IODA	Integrated Ocean Dynamics and Acoustics (ONR program)

IODP	Integrated Ocean Drilling Program
IODT	Inter-Operability Development Testing (Telekommunikation/telecommunication)
IOF	[Fraunhofer-] Institut für Angewandte Optik und Feinmechanik (Jena)
IOI	International Olympics of Information
IOL	Intraokularlinse
IoLT	Internet of Laboratory Things
IOM	Individual Ordinary Member (EPS etc.)
IOM	Institut für Oberflächenmodifizierung (Leipzig)
IONDS	Integrated Operational Nuclear Detection System (USA)
IOP	Inherent Optical Properties (of water)
IOP	The Institute of Physics (UK)
IOPP	Institute of Physics Publishing (Bristol, UK)
IÖR	Institut für ökologische Raumentwicklung (Dresden)
IOS	International Organization for Standardization
IOSB	[Fraunhofer-] Institut für Optronik, Systemtechnik und Bildauswertung (Karlsruhe, Ilmenau, Ettlingen)
IOSB-INA	[Fraunhofer-Anwendungszentrum] Industrial Automation
IOSN	International Open Source Network
IoT	Internet of Things
IOT	Inter Operability Test(ing), Interoperabilitätstest (Telekommunikation/telecommunication)
IOTA	Infrared-Optical Telescope Array (Mt. Hopkins, AZ, USA)
IOTA	Institut d'Optique Théorique et Appliquée (FR)
IOV	In-Orbit Validation (Galileo, 2008)
IOW	Institut für Ostseeforschung Warnemünde (Univ. Rostock)
IP	Image Processing
IP	Integral Photography (TV)
IP	Intellectual Property
IP	Intelligence Platform
IP	Intentional Programming
IP	International Protection
IP	Internet Protocol (Rechnernetz/computer network)
IPA	[DLR-] Institut für Physik der Atmosphäre
IPA	[Fraunhofer-] Institut für Produktionstechnik und Automatisierung (Stuttgart und Mannheim)
IPA	Intelligent Park Assist (Kfz-Einparkhilfe/vehicle)
IPA	Intelligent Pilot Assistant (DLR, Flugführung/flight control)
IPA	Intergovernmental Personnel Act (USA)
IPA	International Permafrost Association
IPAB	International Publisher Advisory Board
IPAC	International Particle Accelerator Conference
IPAM	Interface Analysis at Atomic Level and Properties of Advanced Materials
IPAT	Impact, Population, level of Affluence, Technology (Gleichung zur Beschreibung umweltschädigender Auswirkungen menschlichen Verhaltens/equation describing human-induced environment pollution)
IPB	Institut für Pflanzenbiochemie (Halle/Saale)
IPBC	Institut de Physiologie et Biologie Cellulaires (CNRS, Université de Poitiers, FR)
IPC	Integrated Plastic (or: Polymer) Circuit (Elektronik/electronics)
IPC	Integrated Pollution Control
IPC	Inter-Process Communication (Telekommunikation/telecommunication)
IPC	International Patent Classification
IP-CAN	IP Connectivity Access Network (Telekommunikation/telecommunication)
IPCC	Intergovernmental Panel on Climate Change
IPCC	International Professional Communication Conference
IPCdF	Institute of Physics of Collège de France (Paris)
IPD	Institut für Polymerforschung (Dresden)
IPD	Integrated Project Delivery
IPD	Interaural Phase Difference
IPD	Investment Property Datenbank
IPD	Iterated Prisoner's Dilemma
IPDC	Internet Protocol Device Control
IPDPS	IEEE International Parallel and Distributed Processing Symposium
IPDS	Institut für Phonetik und digitale Sprachverarbeitung (Kiel)
IPEDS	Integrated Postsecondary Education Data System (USA)
iPEPICO	Imaging Photoelectron Photoion Coincidence (spectroscopy)
IPF	Idiopathische pulmonale Fibrose
IPF	Industrial Physics Forum (AIP)
IPF	Infozentrum für Prävention und Früherkennung
IPF	Institut für Polymerforschung (Dresden)
IPF	International Polar Foundation
IPFN	[Institute for Plasmas and Nuclear Fusion] (Lisbon, PT)
IPFW	Indiana University Purdue University Fort Wayne (USA)
IPG	Independent Publishers Guild
IPG	Information Power Grid (NASA)
IPHE	International Partnership for the Hydrogen Economy (seit/since 2003, 17 members, including EU and USA)
IPHLA	Internationale Philatelistische Literatenausstellung
iPHO	International Physics Olympiad
IPHT	Institut für Physikalische Hochtechnologie (oder: Photonische Technologien) (Jena)
IPIDS	Intellectual Property Identification Data Set (Telekommunikation/telecommunication)
IPIPSB	International Patents Information Professionals Standards Board
IPK	Institut für Pflanzengenetik und Kulturpflanzenforschung (Gatersleben)
IPK	[Fraunhofer-] Institut für Produktionsanlagen und Konstruktionstechnik (Berlin)

IPK	Internationaler Prototyp des Kilogramms, International Prototype of the Kilogram
IPL	Information-Processing Language
IPL	Intense Pulsed Light
IPL	Ionenprojektions-Lithographie
IPLS	Introductory Physics for Life Sciences
IPLS	IP-Only LAN Service (Telekommunikation/telecommunication)
IPM	[Fraunhofer-] Institut für Physikalische Messtechnik (Freiburg)
IPM	Institute of Policy and Management (Chinese Academy of Sciences, Beijing)
IPMC	Ionic Polymer Metal Composite (Aktor für künstliche Muskeln etc./actuator, for artificial muscles etc.)
IPMP	Intellectual Property Management and Protection (Telekommunikation/telecommunication)
IPMS	[Fraunhofer-] Institut für Photonische Mikrosysteme (Dresden)
IPMU	Institute for the Physics and Mathematics of the Universe (University of Tokyo, JP)
IPMX	Internet Protocol Media Exchange (Telekommunikation/telecommunication)
IPN	[Leibniz-] Institut für die Pädagogik der Naturwissenschaften (und Mathematik) (Kiel)
IPNM	IP Network Management (Telekommunikation/telecommunication)
IPNS	Intense Pulsed Neutron Source (Argonne National Laboratory, Illinois, USA)
IPO	Initial Public Offering
IPO	Institute for Perception Research (Eindhoven, NL)
IPoA	IP over ATM
IPP	Institute of Particle Physics (University of Toronto, ON, CA)
IPP	Max-Planck-Institut für Plasmaphysik (Garching)
IPR	Intellectual Property Rights
IPRC	Intellectual Property Rights Committee (TC im/in the ETSI)
iPS, ipS	induzierte pluripotente Stammzelle
IPS	In-Plane Switching (LCD mit beiden Pixelelektroden auf einer Seite, aufgeklappter Kondensator/LCD with both pixel electrodes on the same side, unfolded capacitor)
IPS	Instructions per Second
IPS	International Plutonium Storage
iPSC	Induced Pluripotent Stem Cell
IPSC	Inhibitory Postsynaptic Conductance
IPSC	Institute for the Protection and Security of the Citizen
IPSD	Intensified Position-Sensing Detector
IPSE	Integrated Project Support Environment
IPSec	Internet Protocol Security (Telekommunikation/telecommunication)
IPSI	[Fraunhofer-] Institut für Integrierte Publikations- und Informationssysteme (Darmstadt, aufgelöst/closed 2006)
IPSS	Information Processing Systems and Software (ESPRIT)
IPT	[Fraunhofer-] Institut für Produktionstechnologie (Aachen)
IPTA	International Pulsar Timing Array (Astrophysik/astrophysics)
IPTC	Internet Protocol Transformation Center
IPTC	Modelldeformations- und Positionserfassung (Windkanal)
IPTS	Institute for Prospective Technological Studies (EU, Sevilla, ES)
IPTV	Internet Protocol Television
IPU	Intelligent Power Unit (Hybridfahrzeug/hybrid vehicle)
IP VPN	IP Virtual Private Network(s) (Telekommunikation/telecommunication)
IPVS	Institut für Parallele und Verteilte Systeme (Univ. Stuttgart)
IPWR	Integral Pressurized Water Reactor
IPX	Internetwork Packet Exchange (Telekommunikation/telecommunication)
IPY	International Polar Year (März/March 2007 – März/March 2009)
IQ	Installation Qualification
IQ	Irak/Iraq (ISO 3166)
IQC	Institute for Quantum Computing (University of Waterloo, ON, CA)
IQE	Internal Quantum Efficiency (Festkörperphysik/solid state physics)
IQEC	International Quantum Electronics Conference
IQHE	Integer Quantum Hall Effect
IQM	Institute for Quantum Matter (Johns Hopkins University, Baltimore, MD, USA)
IQOE	International Quiet Ocean Experiment
IQOQI	Institut für Quantenoptik und Quanteninformation (Innsbruck, AT)
IQST	Integrated Quantum Science and Technology
IQWiG	Institut für Qualität und Wirtschaftlichkeit im Gesundheitswesen
IR	Information Retrieval
IR	Infrared [Radiation]
IR	Institutional Repository
IR	Iran (ISO 3166)
IRAM	Institute for Radio Astronomy at Millimeter Wavelengths (Pico del Veleta, ES, and Grenoble, FR)
IRAS	Infrared Astronomical Satellite (1983)
IRB	[Fraunhofer-] Informationszentrum Raum und Bau (Stuttgart)
IRBM	Intermediate-Range Ballistic Missile
IRC	Internet Relay Chat (Rechnernetz/computer network)
IRC	Intrinsic Reaction Coordinate (Molekülphysik/molecular physics)
IRCAM	Institut de Recherche et de Coordination Acoustique/Musique (Paris, FR)
IRCH	Ion Cyclotron Resonance Heating (Fusionsreakorteknik/fusion reactor technology)
IRCNPC	International Research Center for Nuclei and Particles in the Cosmos (Beihang University, Beijing, CN)
IRCS	Infrared Camera and Spectrograph
IRD	Institut de Recherche pour le Développement (FR)
IRDA	Infrared Data Exchange
IRDAC	Industrial Research and Development Advisory Committee (EU)
IRDT	Inflatable Reentry and Descent Technology (Raumfahrt/spacecraft)
IRE	Institute of Radio Engineers (USA)

IRE	Irreversible Elktroporation (gegen Krebs)
IREES	Institut für Ressourceneffizienz und Energiestrategien (Karlsruhe)
IRENA	International Renewable Energy Agency (Internationale Agentur für Erneuerbare Energien)
IRERP	Izmir Region Excavations and Research Project (Univ. of Ankara, TR)
IRFPA	Infrared Focal Plane Array (Mikrobolometer)
IRFU	Integrated Radio Frequency Unit (Telekommunikation/telecommunication)
IRI	Industrial Research Institute (Washington, DC, USA)
IRIC	Institute for Research in Immunology and Cancer (Montreal, CA)
IRIDIA	[Institute for] Interdisciplinary Research and Development in Artificial Intelligence (Esprit, Brüssel/Bussels, BE)
IRIS	Incorporated Research Institutions for Seismology (USA)
IRIS	Infrared Imaging Surveyor (Satellit/satellite)
IRM	Impurity Resolution Management
IRM	Intelligent Resource Management
IRM	Interference Reflection Microscopy
IRMI	Intelligente und innovative Reise- und Maintenance-Informationsplattform
IRMM	Institute for Reference Materials and Measurements (Geel, BE)
iRNA	interferierende RNA
iRODS	Integrated Rule-Oriented Data System
IRP	International Foundation for Research in Paraplegia (Zürich, CH)
IRPHE	Institute for Research on Nonequilibrium Phenomena (Marseille, FR)
IRPL	(NBS) Interservice Radio Propagation Laboratory
IRR	Internal Rate of Return (Telekommunikation/telecommunication)
IRRI	International Rice Research Institute (Los Baños, Philippines)
IRS	Institut für Raumfahrtsysteme (Universität Stuttgart)
IRS	Institut für Regionalentwicklung und Strukturplanung (Berlin)
IRS	Insulin Receptor Substrate
IRS	Internal Reference Specification
IRS	International Revenue Service (USA)
IRS	Intrusion Response System (Firewall)
IRSI	Infrared Space Interferometry
IRSIX	Injury Severity Index (Insassensicherheit/passenger safety)
IRST	Infrared Search and Track (Radar)
IRSU	ISDN Remote Subscriber Unit (RSU mit ISDN-Möglichkeit/RSU with ISDN facility)
IRT	Institut de Recherche en Informatique de Toulouse (FR)
IRT	Integrated Receiver-Transmitter (Telekommunikation/telecommunication)
IRTF	Infrared Telescope Facility (Mauna Kea, Hawaii)
IS	Information Systems
IS	Integrated Services
IS	Island/Iceland (ISO 3166)
ISA	Industry-Standard Architecture
ISA	Instruction Set Architecture (Computer software)
ISA	Integrated IP/SDH/ATM (or: STM/ATM) (Telekommunikation/telecommunication)
ISA	Integrated Service Adapter (Telekommunikation/telecommunication)
ISA	International Seabed Authority (UNO)
ISA	International Search Authority (Patente/patents)
ISA	International Society of Automation
ISAAC	Infrared Spectrometer and Array Camera (at the VLT of the ESO)
ISAAC	International Study of Asthma and Allergies in Childhood
ISAC	Isotope Accelerator (nuclear physics group, University of British Columbia, CA)
ISAF	International Security and Assistance Force
ISAM	Institut für Supercomputing und Angewandte Mathematik (Heidelberg)
ISAM	Intelligent Services Access Multiplexer (or: Manager) (Telekommunikation/telecommunication)
ISAN	Integrität bei der Satellitennavigation
ISAR	Intelligentes System zur automatischen Radioskopie
I.S.A.R.	International Search and Rescue
ISARS	International Society for Acoustic Remote Sensing
ISAS	Institut für Spektrochemie und Angewandte Spektroskopie (Dortmund)
ISAS	Institute of Space and Astronautical Science (Japan)
ISAT	Innovative Space Based Radar Antenna Technology (Satellitenprogramm/satellite program)
ISAVE	Institute of Sound and Vibration Engineering (FH Düsseldorf, DE)
ISAVIA	Icelandic Civil Aviation Administration (Flugsicherungsbehörde)
ISB	Intelligent Signalling Bus (Datennetz/data network)
ISB	Intelligent Storage Bridge
ISBB	International Science and Business Belt (planned in Daejeon, Korea)
ISBF	International Sonic Boom Forum
ISBI	International Symposium on Biomedical Imaging
ISBN	International Standard Book Number
ISC	Inner Space Center (URI/GSO)
ISC	[Fraunhofer-] Institut für Silicatforschung (Würzburg)
ISC	Interactive Multimedia Service Control (Telekommunikation/telecommunication)
ISC	International Softswitch Consortium
ISC	International Supercomputing Conference
ISCA	International Speech Communication Association
ISD	Integraton and Services Division
ISD	International Subscriber Dialing (Telekommunikation/telecommunication)
ISDB	Integrated Services Digital Broadcasting (Telekommunikation/telecommunication)
ISDB-S	Integrated Services Digital Broadcasting-Satellite (Telekommunikation/telecommunication)
ISDB-T	Integrated Services Digital Broadcasting-Terrestrial (Telekommunikation/telecommunication)



ISDN	Integrated Services Digital Network (Telekommunikation/telecommunication)
ISE	[Fraunhofer-] Institut für solare Energiesysteme (Freiburg)
ISE	Integrated Switching Element (Telekommunikation/telecommunication)
ISE	Intelligent Synthesis Environment (NASA)
ISEE	International Sun-Earth Explorer
ISEF	International Science and Engineering Fair (seit/since 1950)
ISEN	Initiative for Sustainability and Energy at Northwestern (Northwestern University, USA)
ISESCO	Islamic Educational, Scientific, and Cultural Organization
ISET	[Fraunhofer-] Institut für Solare Energieversorgungstechnik (Kassel)
ISET	Isolation by Size of Epithelial Tumor Cells
ISF	[Fraunhofer-] Institut für Schwingungsforschung (1956, später/after on: IITB)
ISF	International Science Foundation
ISFET	Ionen-sensitiver Feldeffekt-Transistor
ISFH	Institut für Solarenergieforschung, Hameln (DE)
ISFM	International Spent Fuel Management (Brennelement-Kontrolle)
ISFRS	International Symposium on Food Rheology and Structure
ISG	Informationszentrum für Sexualität und Gesundheit (Freiburg/Br.)
ISG	Intelligent Solutions Group (at ETIC)
ISGE	Inverse Spin Galvanic Effect
ISH	Internationale Fachmesse Sanitär Heizung Klima (Frankfurt/M)
ISHE	Inverse Spin Hall Effect
ISI	Institut für Schicht- und Ionentechnik (Jülich)
ISI	[Fraunhofer-] Institut für System- und Innovationsforschung (Karlsruhe)
ISI	Institute for Scientific Information (Philadelphia, PA, USA)
ISI	Intersymbol Interference, Inter-Symbol-Interferenz
ISIC	International Student Identity Card
ISIM	Integrated Science Instrument Module (NGST)
ISIN	International Securities Identification Number
ISi-PADAS	Integrated Human Modelling and Simulation to Support Human Error Risk Analysis of Partially Autonomous Driver Assistance Systems (EU research project)
ISIR	Institut des Systèmes Intelligents et de Robotique (Université Pierre et Marie Curie, Paris)
ISIS	Institut for Science and International Security (Washington, DC, USA)
ISIS	Intelligentes Satellitendaten-Informationssystem (Fernerkundung/remote sensing)
IS-IS	Intermediate System-to-Intermediate System
ISIT	[Fraunhofer-] Institut für Siliziumtechnologie (Itzehoe)
ISIT	[IEEE] International Symposium on Information Theory
ISITA	International Symposium on Information Theory and its Applications
ISL	Imperceptible Structured Light
ISL	Institut Franco-Allemand de Recherches de Saint-Louis, Deutsch-Französisches Forschungsinstitut Saint-Louis
ISL	Inter-Satellite Link (Telekommunikation/telecommunication)
ISLSWG	International Space Life Science Working Group
ISM	In Situ Monitoring
ISM	Industrial, Scientific, Medical (433 MHz-Frequenzband/frequency band und/and Bluetooth: 2,45 GHz-Band (lizenzfrei)/2.45 GHz band (license-free)
ISM	Interstellar Medium, Interstellares Medium
ISMA	International Conference on Noise and Vibration
ISMA	International Symposium on Musical Acoustics
ISMTE	International Society of Managing and Technical Editors
ISN	Institut des Sciences Nucléaires (Grenoble, FR)
ISNA	International Symposium on Nonlinear Acoustics
ISNR	Improvement in SNR (Bildverarbeitung/picture processing)
ISNS	Inside Science News Service (AIP Service)
ISO	Independent System Operator
ISO	Infrared Space Observatory (1995–1998)
ISO	International Standards (or: Standardization) Organization
ISOC	Internet Society
ISOL	Isospin Separation Online
ISOL	Isotope Separator Online
ISOLDE	Innerstädtischer Service mit optimierten logistischen Dienstleistungen
ISOM	International Symposium on Optical Memory (conference series)
ISORAC	Infrared Spectroscopy of Ozone and Related Atmospheric Constituents
ISOS	Internet-Spanning Operating System (noch hypothetisch/still hypothetical)
ISO/SR	ISO Search Retrieval
ISP	Ice Structuring Proteins
ISP	In-System Programmable (Devices)
ISP	Internet Service Provider
ISPE	International Society for Pharmaceutical Engineering
iSPIM	Inverted Selective Plane Illumination Microscopy
ISPR	International Standard Payload Rack (Raumfahrt/spacecraft)
ISPRAM	In Situ Processing of Aluminium Matrix Composites
ISPRS	International Society of Photogrammetry and Remote Sensing
ISQ	International System of Quantities
ISR	Incoherent Scatter Radar
ISR	Incurred Sample Reanalysis
ISR	Initial Submission Rate (Datennetz/data network)
ISR	Integrated Switch Router (Internet)
ISR	Intelligence, Surveillance, Reconnaissance (Satelliten/satellites)

ISR	Intersecting Storage Rings (CERN)
ISRA	International Symposium on Room Acoustics (conference series)
ISRN	International Standard Technical Report Number
ISRO	Indian Space Research Organisation
ISRSE	International Symposium on Remote Sensing of Environment
ISRU	Industrial Statistics Research Unit
ISS	Imaging Subsystem (Cassini, Bordkamera)
ISS	Integrated Safety System
ISS	International Space Station
ISSCC	[IEEE] International Solid-State Circuits Conference
ISSE	Information Security Solutions Europe (Conference series)
ISSN	International Standard Series Number
ISSPA	International Symposium on Signal Processing and its Applications
ISSS	International Society of Soil Sciences
ISST	[Fraunhofer-] Institut für Software- und Systemtechnik (Dortmund)
ISSTA	[IEEE] International Symposium on Spread Spectrum Techniques and Applications
IST	Information Society Technologies
IST	[Fraunhofer-] Institut für Schicht- und Oberflächentechnik (Braunschweig und Göttingen: Anwendungszentrum für Plasma und Photonik)
IST	Internal Set Theory (Interne Mengenlehre)
IST Austria	Institute of Science and Technology (in Maria Gugging, near Klosterneuburg, north of Vienna)
ISTC	International Science and Technology Center (Moscow, RU)
ISTP	Information Society Technologies Programme
ISTQB	International Software Testing Qualifications Board
ISTR	Inverse Sequence-Tagged Repeat (DNA Marker-Technik/marker technology)
ISTS	International Speech Test Signal
ISTU	International Society (or: Symposium) for Therapeutic Ultrasound
ISU	Iowa State University (Ames, IA, USA)
ISUP	ISDN User Part
ISV	Independent Software Vendor
ISV	Invertebrate Sound and Vibration (Conference series)
ISVL	Iraqi Virtual Science Library
ISVR	Institute of Sound and Vibration Research (University of Southampton, UK)
ISVR	Instrument Science Verification Review (FIRST)
ISW	Integrierter Sachs-Wolfe-Effekt (Kosmologie)
ISWA	Institut für Siedlungswasserbau, Wassergüte- und Abfallwirtschaft (Universität Stuttgart)
ISX-B	Impurity Studies Experiment B (Fusionsreakorteknik/fusion reactor technology, Oak Ridge, USA)
ISY	International Space Year (1992)
ISYS	Institut für Systemdynamik (Universität Stuttgart)
IT	Information Technology, Informationstechnik
IT	Italien/Italy (ISO 3166)
ITA	[Fraunhofer-] Institut für Toxikologie und Aerosolforschung (Hannover, jetzt: ITEM)
ITAE	Integral Time-Weighted Absolute Error
ITAEG	Information Technology Advisory Experts Group
ITAMP	Institute for Theoretical Atomic, Molecular and Optical Physics (Harvard University, Cambridge, MA, USA)
ITAP	Isotope Technology Acceleration Program
ITAR	International Traffic in Arms Regulation (export control)
ITB	Internationale Tourismusbörse (Berlin)
ITC	inferior-temporal Cortex
ITC	Infotonics Technology Centre (Rochester, GB)
ITC	Intelligent Traction Control (Kfz/automobile)
ITC	International Trade Commission
ITC	International Typeface Corporation
ITCZ	Innertropische Konvergenzzone (Klimaforschung)
ITD	Interaural Time Difference (Richtungshören/directional hearing)
ITE	In-the-Ear (hearing aid)
ITEA	Information Technology for European Advancement
I-TEC	Innovations- und Technologie-Eigenkapital (EU-Programm)
ITEM	[Fraunhofer-] Institut für Toxikologie und Experimentelle Medizin (Hannover, früher: ITA, und Regensburg)
ITER	International Thermonuclear Experimental Reactor (Fusionsreakorteknik/fusion reactor technology, bei/near Cadarache, FR, project partners: EU, US, CN, RU, IN, JP, KR)
ITF	Infrared Telescope Facility (Mauna Kea, HI, USA)
ITFS	Instructional TV Fixed Service
ITG	Informationstechnische Gesellschaft (im/in the VDE)
ITGS	Intelligent Traffic Guidance System (Tokio, JP)
ITIF	Information Technology and Innovation Foundation (Washington, DC, USA)
ITiS	Informations-Technik in Schiffen
ITKZ	Innertropische Konvergenzzone (Meteorologie)
ITLR	Institut für Thermodynamik der Luft- und Raumfahrt (Universität Stuttgart)
iTMC	Ionic Transition Metal Complex
ITO	Indium Tin Oxide
ITOPF	International Tanker Owners Pollution Federation
ITP	Institute of Theoretical Physics (e.g., EPFL)
ITR	Inverted Terminal Repeats (Genetik/genetics)
iTREN-2030	Integrated Transport and Energy Baseline Until 2030
ITRF	International Terrestrial Reference Frame (Geodäsie/geodesy)
ITRI	Industrial Technology Research Institute (Taiwan)
ITRI	Inhalation Toxicology Research Institute (Albuquerque, NM, USA)

ITRM	Iterative Time Reversal Mirror
ITRS	International Technology Roadmap for Semiconductors
ITS	Intelligent Transport(ation) Systems
ITS	Intelligentes Tutorsystem
ITS	Interoperability Tool Set (Telekommunikation/telecommunication)
ITSEC	Information Technology Security Evaluation Criteria (Telekommunikation/telecommunication)
ITSP	Internet Telephony Service Provider
ITST	Institute for Terahertz Science and Technology (at University of California Santa Barbara)
ITS-90	International Temperature Scale of 1990
ITU	[Fraunhofer-] Institut für Toxikologie und Umwelthygiene (München)
ITU	Institute for Transuranium Elements (Karlsruhe, DE)
ITU	International Telecommunication(s) Union (Genf, CH)
ITU-R	ITU Radiocommunication Sector
ITU-T	ITU-Telecommunications
ITU-TS	ITU Telecommunication Standards
ITW	[IEEE] Information Theory Workshop
ITWM	[Fraunhofer-] Institut für Techno- und Wirtschaftsmathematik (Kaiserslautern)
IU	Indiana University (USA)
IUAES	Union of Anthropological and Ethnological Sciences
IUB	Indiana University at Bloomington (USA)
IUC	International Union for Crystallography
IUCAF	Inter-Union Commission on the Allocation of Frequencies for Radio and Space Sciences
IUCF	Indiana University Cyclotron Facility (Bloomington, IN, USA)
IUCLID	International Uniform Chemical Information Database
IUCN	International Union for the Conservation of Nature (and Natural Resources)
IUCr	International Union of Crystallography
IUCT	[Fraunhofer-] Institut für Umweltchemie und Ökotoxikologie (Schmallenberg)
IUE	International Ultraviolet Explorer (Satellit/satellite)
IUF	Institut Universitaire de France
IUGG	International Union of Geodesy and Geophysics
IuK	Information(s) und Kommunikation(s) (-technik-Forschung, eine Initiative der wissenschaftlichen Fachgesellschaften/an initiative of German scientific societies)
IUPAC	International Union of Pure and Applied Chemistry
IUPAP	International Union of Pure and Applied Physics
IUPUI	Indiana University – Purdue University at Indianapolis
IUT	Institut Universitaire de Technologie
IUTA	Institut für Umwelttechnologie und Umweltanalytik (Duisburg)
IUTAM	International Union of Theoretical and Applied Mechanics
IUVSTA	International Union for Vacuum Science, Technique, and Applications
IWU	[Fraunhofer-] Institut für Umformtechnik und Werkzeugmaschinen (seit 1991, ab 1995: IWU)
IVAR	Increased Volcanic Ash Resistance (for aircraft engines)
IVAS	Internet Value Added Services
IVCC	Innovative Vector Control Consortium (Medizin/medicine)
IVD	In Vitro Diagnostics
IVF	In Vitro Fertilization
IVG	In-Vitro-Gametogenese
IVH	Institut für Verkehrswirtschaft (Hannover)
IVI	[Fraunhofer-] Institut für Verkehrs- und Infrastruktursysteme
IVI	Interchangeable Virtual Instrument (für vernetzte Messinstrumente)
IVI-C	Interchangeable Virtual Instrument based on ANSI C
IVI-COM	Interchangeable Virtual Instrument for Compatibility with Component Object Model Technology
IVK	Intelligente Verteilerkästen
IVM	Industrie-Verband Motorrad e.V.
IVoD	Interaktives Video on Demand
IVPN	International Virtual Private Network (Telekommunikation/telecommunication)
IVR	Interactive (or: Integrated) Voice Response
IVS	Infrared Vision System
IVS	In-Vehicle System (KfZ-Technik)
IVSE	Information and Voice Services Environment (Telekommunikation/telecommunication)
IVTIP	In Vitro Testing Industrial Platform
IVUS	Intravascular Ultrasound (Chirurgie/surgery)
IVV	[Fraunhofer-] Institut für Verfahrenstechnik und Verpackung (München-Freising, ab 1.1.98/since Jan. 1, 1998, vorher/formerly: ILV)
IW	Institut der Wirtschaft (Köln)
IWA	International Workshop Agreement
IWAENC	International Workshop on Acoustic Echo and Noise Control
IWARD	Intelligent Robot Swarm for Attendance, Recognition, Cleaning and Delivery (Krankenhausroboter/hospital robots, EU project)
iWARP	Internet Wide Area RDMA Protocol
IWAS	Internationale Wasserforschungsallianz Sachsen
IWC	International Whaling Commission
IWES	[Fraunhofer-] Institut für Windenergie und Energiesystemtechnik (Bremerhaven und Kassel, 2009)
IWF	Institut für Werkzeugmaschinen und Fabrikbetrieb (TU Berlin, 1904)
IWF	Institut für Werkzeugmaschinen und Fertigungstechnik (TU Braunschweig)
IWF	Institut für Wild- und Zootierforschung (Berlin)
IWF	Institut für den Wissenschaftlichen Film (Göttingen)
IWF	Internationaler Währungsfonds
IWF	Interworking Function (Telekommunikation/telecommunication)

IWGSC International Wheat Genome Sequencing Consortium  
 IWH Institut für Wirtschaftsforschung Halle  
 IWKS [Fraunhofer-] Institut für Werkstoffkreisläufe und Ressourcenstrategie (Alzenau und Hanau)  
 IWM [Fraunhofer-] Institut für Werkstoffmechanik (Freiburg und Halle)  
 IWMI International Water Management Institute (Colombo, Sri Lanka)  
 IWR Interdisziplinäres Zentrum für Wissenschaftliches Rechnen (Universität Heidelberg)  
 IWRB International Waterfowl Research Bureau  
 IWRM Integriertes Wasserressourcen-Management (z.B. Indonesien und Mongolei)  
 IWRN International Workshop on Railway Noise (conference series)  
 IWS [Fraunhofer-] Institut für Werkstoff- und Strahltechnik (Dresden)  
 IWS Institut für Werkstoffphysik und Strukturforschung  
 IWTZ Internationales Wissenschafts- und Technik-Zentrum (Moskau/Moscow, RU)  
 IWU [Fraunhofer-] Institut für Werkzeugmaschinen und Umformtechnik (Augsburg)  
 IWU Inter Working Unit  
 IWYP International Wheat Yield Partnership  
 IWZ Informationszentrum Wärmepumpen und Kältetechnik  
 IXC Inter-Exchange Carrier (Telekommunikation/telecommunication)  
 IXO International X-Ray Observatory  
 IYA International Year of Astronomy (2009)  
 IYPT International Young Physicists Tournament  
 IZB Informationszentrum Benchmarking (am/at the IPK)  
 izbs Institut für Zuverlässigkeit von Bauteilen und Systemen (am KIT)  
 IZE Informationszentrale der Elektrizitätswirtschaft  
 IZF Instituut voor Zintuigfysiologie (TNO, Soesterberg, NL) (Zintuig: Sinnes...)  
 IZFP [Fraunhofer-] Institut für zerstörungsfreie Prüfverfahren (Saarbrücken)  
 IZI [Fraunhofer-] Institut für Zelltherapie und Immunologie (Leipzig und Halle)  
 IZKK Internationales Zentrum für Kulturgüterschutz und Konservierungsforschung (Kloster Brombach)  
 IZM [Fraunhofer-] Institut für Zuverlässigkeit und Mikrointegration (Berlin und München)  
 IZT Innovationszentrum für Telekommunikationstechnik (Erlangen)  
 IZT Institut für Zukunftsstudien und Technologiebewertung (Berlin)  
 I2CAM International Institute for Complex Adaptive Matter  
 I<sup>2</sup>C Inter-Integrated Circuit (serieller Datenbus)  
 I2WEB Inclusive Future-Internet Web Services (EU project)

## J

J. Journal  
 JACC Joint Automatic Control Conference  
 JACS Journal of the American Chemical Society  
 JAERI Japan Atomic Energy Research Institute  
 JAIN JAVA for IN (Telekommunikation/telecommunication)  
 JAIST Japan Advanced Institute of Science and Technology (Ishikawa, JP)  
 JAMA Journal of the American Medical Association  
 JAMSTEC Japan Agency for Marine-Earth Science and Technology  
 JAN Joint Army-Navy  
 JAP Journal of Applied Physics  
 JARA Jülich-Aachen Research Alliance  
 JASA Journal of the Acoustical Society of America  
 JavaME Java Micro Edition (Programmiersprache/programming language)  
 JAXA Japan Aerospace Exploration Agency  
 JBBL Jugend-Basketballbundesliga  
 JBMA Jodrell Bank Centre for Astrophysics (University of Manchester, UK)  
 JBOD Just a Bunch of Disks (Computer-Datenspeicher)  
 JCAHO Joint Commission on Accreditation of Health Care Organizations (USA)  
 JCAP Joint Center for Artificial Photosynthesis (Caltech)  
 JCB Journal of Crustacean Biology  
 JCESR Joint Center for Energy Storage Research (Argonne National Laboratory)  
 JCET Joint Center for Earth Systems Technology (at UMBC)  
 JCGM Joint Committee for Guides in Metrology  
 JCIH Joint Committee on Infant Hearing  
 JCMT James Clark Maxwell Telescope (Hawaii)  
 JCP Journal of Chemical Physics  
 JCPOA Joint Comprehensive Plan of Action  
 JCR Journal Citation Report  
 JCT Joint Central Team (ITER)  
 JCT Journal Citation Report  
 JCT Junction (US Mail)  
 JCTEA Japan Cable Television Engineering Association Group  
 JD Joint Demodulation (DARP, Telekommunikation)  
 JDBC JAVA Database Connectivity (Telekommunikation/telecommunication)  
 JDEM Joint Dark Energy Mission (Astrophysik/astrophysics)  
 JEDI Joint Effort for Data Assimilation Integration  
 JDK JAVA Development Kit  
 JDMK JAVA Dynamic Management Kit (Telekommunikation/telecommunication)  
 JECC Joint ETSI/ECMA Committee (TC im/in the ETSI)  
 JEDEC Joint Electronic Device Engineering Council  
 JEIDA Japan Electronic Industry Development Association  
 JEITA Japan Electronics and Information Technology Industries Association

JEM	Japanese Experiment Module (UV telescope)
JEM	Just-Enough Metrology
JEO	Jupiter Europa Orbiter
JEOS	Journal of the European Optical Society
JEP	Joint European Project
JES	JAVA Embedded Server
JESSI	Joint European Submicron Silicon
JET	Joint European Torus (Fusionsreaktortechnik/fusion reactor technology, Culham, Oxford, GB)
JETEC	Joint Electron Tube Engineering Council
JETRO	Japanese External Trade Organization
JFAST	Japan Trench Fast Drilling Project
JFI	James Franck Institute (University of Chicago, IL, USA)
JFT-2M	Japan Atomic Energy Research Institute (Fusionsreaktortechnik/fusion reactor technology, Tokai, JP)
JGHF	Johann-Gottfried-Herder-Forschungsrat (Marburg)
JGI	Joint Genome Institute (USA)
JGOFS	Joint Global Ocean Flux Study (or: Survey)
JGU	Johannes Gutenberg-Universität (Mainz)
JHH	Johns Hopkins Hospital (Baltimore, MD, USA)
JHP	Japan Hadron Project (Protonenbeschleuniger/proton accelerator)
JHPSSL	Joint High-Power Solid-State Laser
JHU	Johns Hopkins University (Baltimore, MD, USA)
JHUAPL	Johns Hopkins University Applied Physics Laboratory (Baltimore, MD, USA)
JIC	Joint Intelligence Sub-Committee (UK)
JICST	Japan Information Center of Science and Technology (Datenbank/data bank)
JIDM	Joint Interdomain Management (Telekommunikation/telecommunication)
JIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
JIF	Joint Infrastructure Fund (UK)
JIF	Journal Impact Factor
JILA	Joint Institute for Laboratory Astrophysics (Boulder, CO, USA)
JINA	Joint Institute for Nuclear Astrophysics (Michigan State University, USA)
JINR	Joint Institute for Nuclear Research (Dubna, RU)
JIS	Japanese Industrial Standard
JISC	Joint Information Systems Committee (UK)
JKU	Johannes-Kepler-Universität (Linz, AT)
JLAB	Jefferson Laboratory (FIU, Miami, FL, USA)
JLC	Japanese Linear Collider
JM	Jamaika/Jamaica (ISO 3166)
JMA	Japan Meteorological Agency
JMS	Java Message Service
JMU	James Madison University
JMX	JAVA Management Extensions
JNPS	Journal of Nepal Paediatric Society
JNR	Journal of Negative Results
JNX	Japan Network Exchange
JO	Jordanien/Jordan (ISO 3166)
Joides	Joint Oceanographic Institutions for Deep Earth Sampling (Zusammenschluss von Meerforschungsinstituten/cooperation of marine research institutes)
JOIN	Jena Optical Innovations
JOSA	Journal of the Optical Society of America
JoVE	Journal of Visual Experimentation
JP	Japan (ISO 3166)
J-PARC	Japan Proton Accelerator Research Center
JPEG	Joint Photographic (or: Pictures) Expert Group (Bildcodierung/picture coding)
JPG	→ JPEG [Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
JPI	Joint Probability Image
JPL	Jet Propulsion Laboratory (Pasadena, CA, USA)
JPO	Japan Patent Office
JPO	Joint Program Office (USA)
JPPC	Joint Probability Projection Centroid
JPPV	Joint Probability Projection Vector
JPS	Physical Society of Japan
JPSS	Joint Polar Satellite System (for weather forecast)
JQI	Joint Quantum Institute (NIST, Gaithersburg, MD, USA)
JRC	Joint Research Centre (EU)
JRDC	Japanese Research and Development Corporation
JRML	J.R. Macdonald Laboratory (Kansas State University, USA, Department of Physics)
JRO	Jicamarca Radio Observatory (Peru)
JRS	Japanese Rocket Society
JRSE	Journal of Renewable and Sustainable Energy
JSA	Japanese Space Agency
JSAP	The Japanese Society of Applied Physics
JSASS	Japan Society for Aeronautical and Space Sciences
JSC	Johnson Space Center (USA)
JSC	Jülich Supercomputing Centre (DE)
JSF	Jefferson Science Fellows
JSHG	Japan Society of Human Genetics
JSL	Japanese Sign Language
JSME	Japan Society of Mechanical Engineers

JSNS	Japan Spallation Neutron Source
JSOE	Jacobs School of Engineering (UCSD)
JSON	JavaScript Object Notation
JSP	JAVA Server Pages
JSPMI	Japan Society for the Promotion of Machine Industry
JSPS	Japan Society for the Promotion of Science
JSR	Java Content Repository (Informationsverarbeitung/information processing)
JSS	Java Script Style
JSSD	Joint School of Sustainable Development (in Xi'an, China)
JST	Japan Science and Technology Corporation (or: Agency)
JSTOR	Journal Storage (Online-Archiv/online archive)
JSU	Jackson State University (Jackson, MO, USA)
JSUP	Japan Space Utilization Promotion Center
JTC	EBU/ETSI Joint Technical Committee (TC im/in the ETSI)
JTEC	Japanese Technology Evaluation Center
JTI	Joint Technology Initiative (EU)
JT-60	Japan Atomic Energy Research Institute (Fusionsreakorteknik/fusion reactor technology, Naka, Japan)
JUBE	Jülich Benchmark Environment
JUICE	Jupiter Icy Moons Explorer (ESA, planned for 2022)
JULIE	Jena University Language & Information Lab (Literaturrecherche/literature retrieval)
JuRoPa	Jülich Research on Petaflop Architecture (supercomputer)
JV	Joint Venture
JV	Josephson Voltage
JVC	Japanese Victor Company
JVM	Java Virtual Machine
JWST	James Webb Space Telescope (Nachfolger des Hubble Space Teleskops für Infrarot, geplant für Okt. 2018/successor of the Hubble Space Telescope for infrared, planned for Oct. 2018)
J2EE	Java 2 Enterprise Edition
J2SE	Java 2 Standard Edition

## K

k...	Kilo... (Präfix/prefix): $10^3$
KAGRA	Kamioke Gravitational Wave Detector (JP, planned to start in 2018)
KAI	Koordinierungs- und Aufbauinitiative e.V. [für die Forschung in Berlin und den neuen Bundesländern]
KAI-AdW	Koordinierungs- und Abwicklungsstelle für die Akademie der Wissenschaften
KAIST	Korea Advanced Institute of Science and Technology (Daejeon, KR)
KALLA	Karlsruhe Liquid Metal Laboratory
KamLAND	Kamioka Liquid (Scintillator) Antineutrino Detector (Japan)
KAM-Theorie	Kolmogorov-Arnold-Moser-Theorie (nichtlineares Schwingungssystem/nonlinear oscillator), [Andrej Nikolajewitsch] Kolmogorov – [Wladimir] Arnold – [Jürgen] Moser
KAO	Kuiper Airborne Observatory (astrophysics)
KARI	Korea Aerospace Research Institute
KAS	Kanalserver
KAS	Kommunikationsakustik-Simulator
KASCADE	Karlsruhe Shower Core and Array Detector (für kosmische Strahlung, seit 1996/for cosmic rays, since 1996)
KASI	Korea Astronomy and Space Science Institute
KASSA	Knowledges Assessment and Sharing on Sustainable Agriculture (28 partners in 17 countries)
KASTEL	Kompetenzzentrum für Angewandte IT-Sicherheits-Technologien (am KIT)
KAT	Karoo Array Telescope (South Africa)
KAT	Komitee für Astroteilchenphysik
KATHY	Key Authentication
KATRIN	Karlsruhe Tritium Neutrino Experiment
KAUST	King Abdullah University of Science and Technology (Saudi Arabia, since September 2009)
KAVA	Kommission für Allgemeine und Vergleichende Archäologie (Bonn)
KB	Knowledge Base
KBA	Kraftfahrt-Bundesamt
KB-CAD	Knowledge-Based Computer-Assisted Detection (Krebsdiagnose/cancer diagnostics)
KBO	Kuiper Belt Object (Astronomie/astronomy)
kbps	kilobit/Sekunde (= 1024 Bits/sec)
KCAP	Korean Centre for Artificial Photosynthesis
KCETA	KIT-Zentrum für Elementarteilchen- und Astroteilchenphysik
KCI	Korean Citation Index
KDA	Kuratorium Deutsche Altershilfe (Köln)
KDC	Key-Distribution Center
KDE	K Desktop Environment
KdF	Kraft durch Freude (NS-Organisation)
KDI	Keyboard and Display
KDM	Konsortium Deutsche Meeresforschung
KDP	Kaliumdihydrogenphosphat
KDT	Kammer der Technik (Ostdeutsche Ingenieure)
KDTL	[Pjotr] Kapiza, [Paul] Dirac, [William Henry Fox] Talbot, [Ernst] Lau (Quanteninterferometer/quantum interferometer)
KDUST	Kunlun Dark Universe Survey Telescope (CN, planned for 2015)
KdV	Korteweg-de Vries (Gleichung, nichtlineare Dynamik)
KDV	Kriegsdienstverweigerer
KE	Kenia/Kenya (ISO 3166)
KE	Kentucky (US-Staat/US state)
KE	Knowledge Exchange

KEG	Kommission der Europäischen Gemeinschaften
KEGG	Kyoto Encyclopedia of Genes and Genomes
KEK	[National Laboratory for High-Energy Physics] (Tsukuba, JP)
KEMAR	Knowles Electronics Manikin for Acoustic Research
KEOPS	Kerguelen Ocean and Plateau Compared Study
KEOPS	Krystal European in-Orbit Positioning System
KEP	Kurier-, Express- und Paket(dienste)
KERS	Kinetic Energy Recovery System
KET	Komitee für Elementarteilchenphysik
KF	Kalman Filter
KFA	Forschungszentrum Jülich (DE)
KFAS	Kuwait Foundation for the Advancement of Sciences
KFC	Konferenz der Fachbereiche Chemie
KFK	Kernforschungszentrum Karlsruhe (DE)
KFN	Komitee für die Forschung mit Neutronen
KFN	Kriminologisches Forschungsinstitut Niedersachsen
KFOR	Kosovo Force (since June 12, 1999)
KFP	Konferenz der Fachbereiche Physik der Deutschen Hochschulen
KfW	Kreditanstalt für Wiederaufbau
Kfz	Kraftfahrzeug
KG	Kirgisien/Kyrgyz Republic (ISO 3166)
KGD	Konferenz für Geschichtsdidaktik
KGN	Körperschall-Geräuschnormal
kgV	kleinstes gemeinsames Vielfaches
KH	Kambodscha/Cambodia (ISO 3166)
KHC	Kinesin Heavy Chain (Biophysik/biophysics)
KHK	Koronare Herzkrankheit
KHM	Kunsthochschule für Medien (Köln)
KI	Kiribati (früher Gilbertinseln/former Gilbert Islands) (ISO 3166)
KI	künstliche Intelligenz
KIAA	Kavli Institute for Astronomy and Astrophysics
KIAS	Korea Institute for Advanced Study (Seoul, KR)
KIAT	Korea Institute for Advancement of Technology
KIC	Knowledge and Innovation Communities (EU)
KICP	Kavli Institute for Cosmological Physics (University of Chicago, IL, USA)
KID	Krebs-Informationsdienst (DKFZ, Heidelberg)
KIE	Kintetsu International Express (Übersee-Büros von KNT/oversea bureaus of KNT)
KIF	Knowledge Interchange Format
KIPAC	Kavli Institute for Particle Astrophysics and Cosmology (Stanford University, USA)
KIPO	Korean Intellectual Property Office
KIS	Kiepenheuer-Institut für Sonnenphysik (Freiburg)
KIS	Knowbot Information Service (Rechnernetz/computer network)
KIS	Kontaktstellen-Informationen-Service
KIS	Krankenhausinformationssystem
KISS	"keep it simple, stupid"
KIST	Korean Institute for Science and Technology
KIT	Karlsruhe Institute of Technology, Karlsruher Institut für Technologie (DE)
KITES	Kids Interested in Technology, Engineering, and Science
KITP	Kavli Institute for Theoretical Physics (University of California, Santa Barbara, USA)
KITPC	Kavli Institute for Theoretical Physics China (Beijing, CN)
KKK	Kryo-Kanal Köln (DLR, Köln, Porz-Wahnheide)
KKW	Kernkraftwerk
KL	Karhunen-Loève (Transformation)
KL	Kathodenlumineszenz
KL	Kullback-Leibler (Informationskriterium/information criterion)
KL	künstliches Leben
KLC	Kinesin Light Chain (Biophysik/biophysics)
KLH	Keyhole-Limpet-Hämocyanin (Protein)
KLS	Kommission für Lehre und Studium
KM	Knowledge Management
KM	Komoren/Comoros (ISO 3166)
KMB	Key Management Block (Telekommunikation/telecommunication)
KMG	Koordinatenmessgerät
KMI	Knowledge Media Institute (UK, Fernuniversität/open university)
KMI	Körpermasse-Index (= BMI = M/L <sup>2</sup> , M: Körpermasse/body mass, L: Körperlänge/body height) (Optimum: 20 ... 25 kg/m <sup>2</sup> )
KMK	Ständige Konferenz der Kultusminister der Länder in der Bundesrepublik Deutschland
KML	Keyhole Markup Language
KMU	kleine und mittlere Unternehmen (bis 1000 Beschäftigte/up to 1000 employees) [= SME]
KM3NeT	Kubikkilometer-Neutrino-Teleskop
KN	St. Kitts und/and Nevis (ISO 3166)
KNIME	Konstanz Information Miner
KNL	Knights Landing (Intel)
KNN	künstliches neuronales Netz(werk)
KNPC	Kuwait National Petroleum Oil Company
KNT	Kinki Nippon Tourist (Japanisches Tourismus-Unternehmen/Japan tourist business)
KNUST	Kwame Nkrumah University of Science and Technology (Kumasi, Ghana)
KOBOT	Kooperierender Roboter

KOI Kepler Object of Interest (Planetenforschung/planet research)  
 KoLiWiN Konzeptstudien für neuartige Lithium-Ionen-Zellen auf der Basis von Werkstoffinnovationen (FhG, seit Sept. 2009)  
 KONTAS Konzentratorteststand Almería Spanien  
 KORA Koordinierte Forschungsprojekte zur Erhaltung und zum Management der Raubtiere in der Schweiz  
 KORE Koinzidenzrefraktometer (Ophthalmologie/ophthalmology)  
 KoRIA Korea Rare-Isotope Accelerator  
 KOSEF Korea Science Engineering Foundation  
 KOSIMO Konfliktsimulationsmodell (Institut für Politische Wissenschaft, Heidelberg)  
 KOWI Koordinierungsstelle (EG) der Wissenschaftsorganisationen (der Bundesrepublik Deutschland, Bonn) (EU)  
 KP Volksrepublik Korea/People's Republic of Korea (ISO 3166)  
 KPCA Kernel Principal Component Analysis  
 KPFM Kelvin Probe Force Microscopy  
 KPGLB Königlich Preußische Geologische Landesanstalt und Bergakademie  
 KPI Key Performance Indicator (Telekommunikation/telecommunication)  
 KPNO Kitt Peak National Observatory (USA)  
 KPZ [M.] Kardar – [G.] Parisi – [Y.-C.] Zhang (sedimentation process)  
 KQML Knowledge, Query and Manipulation Language  
 KR Kommunikationsrechner  
 KR Republik Korea/Republic of Korea (ISO 3166)  
 KREEP Kalium, Rare Earth Elements and Phosphor (in Mondgesteinen)  
 KS Kansas (US-Staat/US state)  
 KSB Kreissportbund  
 KSC Kennedy Space Center (Florida, USA)  
 KSE Konventionelle Streitkräfte in Europa (Vertrag über ...)  
 KSIE Karlsruhe School of Informatics Engineering  
 KSS [Pavel] Kovtun, [Dam] Son and [Andrej] Starinets (cosmology theory)  
 KSTAR Korean Superconductivity Tokamak Advanced Research (Fusionsreaktorprojekt/fusion reactor project, Daejeon, KR)  
 KSU Kansas State University (USA)  
 KSZE Konferenz über Sicherheit und Zusammenarbeit in Europa  
 KTB Kontinentales Tiefbohrprogramm der Bundesrepublik Deutschland (= ICDP)  
 KTG Kerntechnische Gesellschaft  
 KTH Kungliga Tekniska Högskolan (Königliche Technische Hochschule/Royal Technical Highschool, Stockholm, SE)  
 KTN Knowledge Transfer Network (UK)  
 KTP Kaliumtitanylphosphat  
 KTP Knowledge Transfer Partnership (scientific publishing)  
 KTP Kontinentales Tiefbohrprogramm  
 KVK Krankenversicherungskarte  
 KVM Kernel-Based Virtual Machine (computer)  
 KVN Kassenärztliche Vereinigung Niedersachsen (in Hannover)  
 kw künftig wegfallend (Stellenpläne)  
 KW Kuwait (ISO 3166)  
 KWG Kaiser-Wilhelm-Gesellschaft zur Förderung der Wissenschaften  
 KWI Kaiser-Wilhelm-Institut  
 KWIC Keyword in Context Index („permutierter Index“/permutated index)  
 KWK Klima-Wind-Kanal (Wien)  
 KWK Kraft-Wärme-Kopplung[s-Gesetz]  
 KWS Kenya Wildlife Service  
 KWS Kohlenwasserstoff  
 KWU Keypad Wake-Up (Datenverarbeitung/data processing)  
 KWU Kraftwerk Union  
 KY Kaiman-Inseln/Cayman Islands (ISO 3166)  
 KZ Kasachstan/Kazakhstan (ISO 3166)  
 KZ Konzentrationslager

## L

LA Laos/Lao People's Democratic Republic (ISO 3166)  
 LA Local Authority  
 LA Louisiana (US-Staat/US state)  
 LAAPD Large-Area Avalanche Photodiode  
 LAAS Laboratoire d'Analyse et l'Architecture des Systèmes  
 LAASP Laboratory of Atomic and Solid State Physics (Cornell University, Ithaca, NY, USA)  
 LAC Location Area Code (Mobilfunk/mobile radio)  
 LAC Louisiana Accelerator Center (University of Louisiana at Lafayette, USA)  
 LAC Low Authority Control (Regelungstechnik/control theory)  
 LACA Libraries and Archives Copyright Alliance  
 LACAME Latin American Conference on the Applications of the Mössbauer Effect  
 LACE Lignocellulosic Conversion to Ethanol (Biokraftstoff-Technik/bio fuel technology)  
 LACONA Lasers in the Conservation of Artworks (Tagungsreihe/Conference series)  
 LACP Link Aggregation Control Protocol (Telekommunikation/telecommunication)  
 LADAR Laser Detection and Ranging (Laser-Radar)  
 LADC Littoral Acoustic Demonstration Center (marine bioacoustics)  
 LAEQ A-Weighted Equivalent Sound Level  
 LAGUNA Large Apparatus for Grand Unification and Neutrino Astrophysics (Neutrino-Detektor/neutrino detector)  
 LAI Länder-Arbeitsgemeinschaft für Immissionsschutz  
 LA-ICP Laser Ablation – Inductively Coupled Plasma (Massenspektrometrie/mass spectrometry)  
 LAK Lymphokine Activated Killer (Zellen/cells)  
 LAM Local Area Multicomputer  
 LAMA Lande- und Mobilitätstestanlage, Landing and Mobility Test Facility (DLR, Bremen)



LAMA	Large-Aperture Mirror Array (von/of LZTs)
LamAiR	Laminar Aircraft Research (DLR project)
ΛCDM	Lambda-Cold-Dark-Matter (Modell, Kosmologie/model, cosmology)
LAMOST	Large Sky Area Multi-Object Fiber Spectroscopic Telescope (near Beijing, CN)
LAMP	Library Analytics and Metrics Project
LAMPF	Los Alamos Meson Physics Facility (now: LANSCE)
LAMS	Laboratoire d'Archéologie Moléculaire et Structurale (Université Paris 06)
LAMS	Load Alleviation and Mode Stabilization (Flugzeug/aircraft)
LAMUS	Language Archive Management and Upload System
LAN	Local Area Network (Rechnernetz/computer network)
LANCE	Los Alamos Neutron Science Center (LANL)
LANE	Local Area Network Emulation (Telekommunikation/telecommunication)
LANL	Los Alamos National Laboratory (NM, USA)
LANS	Los Alamos National Security
LANSCE	Los Alamos Neutron Scattering Center (LANL)
LAO	Lanthanaluminat, LaAlO <sub>3</sub>
LAOG	Laboratoire d'Astrophysique de Grenoble (FR)
LAP	LAN Access Point
LAP	Lärmaktionsplanung
LAPCAT	Long Term Advanced Propulsion Concepts and Technologies (Überschall-Passagierflugzeug/supersonic passenger aircraft)
LaRC	Langley Research Center (NASA)
LARC	Livermore Automatic Research Computer (1955)
LARS	Ligament Replacement and Augmentation System (Implantat/implant)
LAS	Laser Absorption Spectroscopy
LAS	Lateral Active Suspension
LAS	Launch Abort System (Raumfahrt/spacecraft)
LASCO	Large Angle Spectroscopic (or: Spectrometric) Coronagraph (an Bord von/aboard SOHO)
LASE	Lasers and Applications in Science and Engineering
LASEK	Laser Epithelial Keratomileusis (Augenchirurgie/eye surgery)
Laser	Light Amplification by Stimulated Emission of Radiation
LASIK	Laser-Assisted in situ Keratomileusis (Augenchirurgie/eye surgery)
LASR	Laboratory for Autonomous System Research (Washington, DC, USA)
LASSI	Laser Airspeed Sensor Instrument
LASSO	Langfristige Anwendungen selbgefesselter Systeme im Orbit
LASSP	Laboratory of Atomic and Solid State Physics (Cornell University, USA)
LAT	Large Area Telescope (on board of NASA satellite Fermi)
LATAM	Latin America
LATI	Linee Aeree Transcontinentali Italiane S.A. (Rom–Südamerika, 1939–1941)
LAV	Lymphadenopathie-assoziertes Virus
LAVA	Launch Ascent and Vehicle Aerodynamics
LAW	Low Activity Waste (radioactive waste)
LAWS	Lethal Autonomous Weapon System (Flugroboter)
LAYF	Lärmemission und Aerodynamik von Fahrzeugen
LB	Libanon/Lebanon (ISO 3166)
LBA	Low-Band Antenna (Astrophysik/astrophysics)
LBA	Luftfahrtbundesamt (DE)
LBAT	Late Babylonian Astronomical Texts
LBC	Large Binocular Camera (beim/at the LBT)
LBD	[Dateinamenerweiterung: Microsoft Access-Lockdatei/file name extension: Microsoft access lock file]
LBEG	Landesamt für Bergbau, Energie und Geologie (Hannover)
LBFB	Laboratorium für Betriebsfestigkeit (später: Fraunhofer-Institut für Betriebsfestigkeit, seit/since 2004: und Systemzuverlässigkeit) (Darmstadt)
LBFB	London Book Fair
LBG	Lautsprachbegleitende Gebärdensprache
LBI	Ludwig Boltzmann-Institut [für Lungengefäßforschung] (Graz, AT)
LBK	lichtbogenbeheizter Kanal (DLR, Köln)
LBL	Lawrence Berkeley Laboratory (CA, USA)
LBNE	Long-Baseline Neutrino Experiment (planned, Fermilab)
LBNF	Long Baseline Neutrino Facility
LBNL	Lawrence Berkeley National Laboratory (Berkeley, CA, USA)
LBNP	Lower Body Negative Pressure (Fitness)
LBO	Lithium(tri)borat (nichtlinearer Kristall/nonlinear crystal)
LBS	Landesbausparkasse
LBS	Location-Based Services (Telekommunikation/telecommunication)
LBSF	Local Back Surface Field (Solarzellen/solar cells)
LBT	Large Binocular Telescope (Steward Observatory, Mount Graham, AZ, USA)
LBT	Listen before Talk (Telekommunikation/telecommunication)
LBV	Landesbund für Vogelschutz (Bayern)
LC	Link Control (Telekommunikation/telecommunication)
LC	Liquid Chromatography
LC	St. Lucia (ISO 3166)
LCA	Library Copyright Alliance
LCA	Life Cycle Assessment (Fahrzeugentwicklung/vehicle development)
LCA	Liquid Crystal Array
L-Camp	Linearized Channel Amplifier (Satelliten/satellites)
LCAS	Link Capacity Adjustment Scheme (Telekommunikation/telecommunication)
LC-ATC	Low Complexity Adaptive Transform Codec (Musikkompresseion/music compression)
LCC	Linked Content Coalition (scientific publishing)

LCD	Liquid Crystal Display
LCE	Liquid-Crystal Elastomer
LCCG	Large Hadron Collider Computing Grid (CERN)
LCGT	Large-Scale Cryogenic Gravitational-Wave Telescope (JP)
LCH	Lightness-Chroma-Hue (Bildverarbeitung/picture processing)
LCLS	LINAC Coherent Light Source (at SLAC)
LC/MS	Liquid Chromatography – Mass Spectrometry
LCN	London Centre for Nanotechnology (at UCL)
LCNP	Lawyers' Committee on Nuclear Policy (USA)
LCO	Las Campanas Observatory (Chile)
LCO	Las Cumbres Observatory (telescope network)
LCOS	Liquid Crystal on Silicon (Chip)
LCP	Liquid Crystal Polymer
LC-PCF	Liquid Crystal Photonic Crystal Fibre
LCR	Low Chip Rate (Telekommunikation/telecommunication)
LCROSS	Lunar Crater Observation and Sensing Satellite
LCS	Lagrangian Coherent Structure
LCS	Levenorgestrel Contraceptive System
LCS	Line Connection Subsystem (Datennetz/data network)
LCS	Location Services (Telekommunikation/telecommunication)
LCSI	Low-Coherence Speckle Interferometry
LCT	Large Coil Task (Karlsruhe, DE)
LCT	Laser Communication Terminal, Laser-Kommunikationsterminal
LCTC	Low Cost Tooling for Composites
LCU	Local Communications Unit
LCVD	Laser Chemical Vapor Deposition
LCX	Leaky Coaxial Cable
LD	Laser Diode, Laserdiode
LD	letale Dosis
LDA	Laser Doppler Anemometer, Laser Doppler Anemometry
LDA	Linear Discriminant Analysis (Signalanalyse/signal analysis)
LDA	Low-Density Amorphous (ice)
LDACS	L-Band Digital Aeronautical Communication System
LDAP	Lightweight Directory Access Protocol (Telekommunikation/telecommunication)
LDC	Least Developed Countries
LDC	Low Duty Cycle (Telekommunikation/telecommunication)
LDF	Local Density Functional
LDGM	Low-Density Generator Matrix
LDL	Low-Density Lipoprotein („schlechtes“ Cholesterin/“bad“ cholesterol)
LDL	Low-Density Liquid
LDM	Laboratory Detector Module (gamma-ray spectrometer)
LDM	Laser Diode Module
LDMOS	Lateral Diffused Metal Oxide Silicon (Halbleiter/semiconductor)
LDP	Label Distribution Path (or: Protocol) (Telekommunikation/telecommunication)
LDPC	Low Density Parity Check
LDPE	Low Density Polyethylene
LDR	Large Deployable Reflector (Satelliten/satellites)
LDRD	Laboratory-Directed Research and Development
LDRS	Lateral-Directed Reflection Sequence (room acoustics)
LDS	Lower-Data-Strobe (Atari)
LDV	Laser Doppler Velocimetry (or: Vibrometer, or: Vibrometry)
LDX	Levitated Dipole Experiment (fusion reactor)
LE	Large Enterprise
LEAF	Large Effective Area Fibre (optische Telekommunikation/optical telecommunication)
LEAP	Large European Array for Pulsars (Astrophysik/astrophysics)
LEAP	Lasers and Electro-Optics Application Program (CLEO/LEAP)
LEAP	Learning Early About Peanut Allergy
LEAP	Lightweight Extensible Agent Platform (Agenten-Plattform für Mobiltelefone/for mobile phones)
LEAP	Lightweight Extensible Authentication Protocol
LEAR	Low Energy Antiproton Ring (CERN)
LEBU	Large Eddy Break-up Device
LEC	Laboratory Expertise Center (USA)
LEC	Light-Emitting Electrochemical Cell
LEC	Liquid Encapsulated Czochralski (Kristallzuchtverfahren/crystal growing method)
LEC	Local Exchange Carrier (Telekommunikation/telecommunication)
LeCHE	Lactase Persistence in the Early Cultural History of Europe (research project 2009–2013)
LECIS	Laboratory Equipment Control Interface Specification
LECM	Local Enforced Copy Management (Telekommunikation/telecommunication)
LeCosPA	Leung Center for Cosmology and Particle Astrophysics (National Taiwan University)
LED	Light-Emitting Diode
LEDE	Live-End-Dead-End (room acoustics)
LEED	Leadership in Environmental and Energy Design (USA)
LEED	Low Energy Electron Diffraction
LEEM	Low Energy Electron Microscopy
LEEN	Lernende Energieeffizienz-Netzwerke
LEGI	Local Excitation, Global Inhibition
LEHGS	Local Electrical Hydraulic Generation System (Flugzeuglandung und -steuerung/for aircraft landing and steering systems)

LEI	Laser Enhanced Ionization
LEI	Local Employment Initiatives for Women (EU)
LEM	Laboratory Executive Manager
LEM	Local Element Manager (Communication)
LEMS	Long End Multiple System (militärisches Aufklärungssystem/military surveillance, USA)
LEN	Laboratoire Energie Nuisances (part of INRETS)
LENA	Laboratory for Experimental Nuclear Astrophysics (Triangle University, Durham, NC, USA)
LENA	Low Energy Neutrino Astronomy (European project)
LENP	Low Energy Nuclear Physics
LENS	[Laserforschungslaboratorium, Florenz, IT]
LENS	Low Energy Neutron Source (Indiana University, Bloomington, IN, USA)
LEO	Low Earth Orbit (Satellit/satellite)
LEO	Lunarer Erkundungsorbiter (deutsches Mondprojekt)
LEOP	Launch and Early Orbit (or: Operation) Phase (Satelliten/satellites)
LEOS	Lasers and Electro-Optics Society (IEEE)
LEP	Large Electron-Positron Collider (CERN, till 2000)
LEP	Life Extension Program (USA, für Waffen/for weapons)
LEP	Light-Emitting Polymer
LER	Label Edge Router (Telekommunikation/telecommunication)
LES	Lab[oratory] Execution System
LES	Large Eddy Simulation (Wettervorhersage, Verbrennungsvorgänge etc./weather forecast, internal combustion etc.)
LES	Livraison Electronique Sécurisée
LEST	Large Earth-Based Solar Telescope
LET	Laser Ethernet Transceiver
LET	Linear Energy Transfer
LETI	[Forschungslaboratorium der CEA in Grenoble, FR]
LEU	Low-Enriched Uranium (niedrig angereichertes Uran)
LEV	Light Electric Vehicle (Zweirad mit Elektromotor)
LEVoGs	Leading-Edge Vortex Generators
LF	Low Frequency (30 – 300 kHz)
LFA	Low Frequency Active (military sonar)
LFA	Lupus Foundation of America
LFAS	Low Frequency Active Sonar
LFC	Laminar Flow Control
LFC	Laser Fired Contact (Solarzellenproduktion/solar cell production)
LFE	Low-Frequency Effects (UHDTV)
FFF	Low-Frequency Fluctuations
LFM	Lateral Force Microscopy
LFM	Linear Frequency-Swept Modulation
LFP	Local Flat Panel
LFSR	Linear Feedback Shift Register
LFT	Langfaserverstärkte Thermoplaste
LG	Laguerre-Gaussian (Spiral-Lasermode/helical laser mode)
LGIT	[Laboratory of Internal Geophysics and Tectonophysics] (Grenoble, FR)
LGPL	Lesser General Public License
LGPT	Lesbian, Gay, Bisexual, Transgender (minority)
LGRC	Lung Genomics Research Consortium
LH	Left Hand
LH	Long Haul (Telekommunikation/telecommunication)
LH	Luteinisierendes Hormon
LHAASO	Large High Altitude Air Shower Observatory (cosmic ray observatory, Shangrila, Yunnan Provinces, southwest China)
LHASA	Logic and Heuristics Applied to Synthetic Analysis
LHb	Laterale Habenula (im Gehirn)
LHC	Large Hadron Collider (CERN, Konstruktion seit/construction since 2004, fertig/ready 2008)
LHCb	LHC Beauty
LHCC	LHC Committee
LHCP	Left-Handed Circularly Polarized
LHCSR	Light-Harvesting Complex Stress-Related (a protein)
LHD	Large Helical Device (NIFS)
LHD	Left Hemisphere Damage (Gehirn/brain)
LHF	Local Hidden Variable (Quantentheorie/quantum theory)
LHG	Landeshochschulgesetz
LHT	Lufthansa Technik
LI	Liechtenstein (ISO 3166)
LIA	Laser Institute of America (Toledo, OH, USA)
LIA	Little Ice Age
LIAA	Lean Intelligent Assembly Automation (EU project)
LIB	Lithium-Ion Battery, Lithium-Ionen Batterie
LIBOR	London Interbank Offered Rate (Bankgeschäfte)
LIBS	Laser-Induced Breakdown Spectroscopy
LIBWE	Laser-Induced Backside Wet Etching
LIC	Local Interstellar Cloud
LID	Local Injection and Detection (Communication)
LIDAR	Light (or: Laser-Induced) Detection and Ranging
LIF	Laser Induced Fluorescence
LIF	Location Interoperability Forum (Telekommunikation/telecommunication)
LIFE	Laser Inertial Fusion Engine (or: Energy) (research program at LLNL)
LIF-ENSTA-X	[Laserforschungslaboratorium, Palaiseau, FR]

LIFT	Laboratory Information for Tomorrow
LIFT	Laser Induced Forward Transfer (of cells)
LIFT	Leadership in Fibre Laser Technologies (Fraunhofer project)
LIFTSYS	Laser Induced Forward Transfer System
LIGA-Verfahren	Lithographie, Galvanoformung, Abformtechnik [Röntgentiefenlithographie mit Synchrotronstrahlung, kombiniert mit galvanischer Metallabscheidung und verschiedenen Abformprozessen]
LIGO	Laser Interferometer Gravitational Wave Observatory (Livingston, LA, USA, Einweihung/opening: November 1999, Messungen ab/measurements since 2002)
LII	London Info International (Conference)
LIL-PW	Laser Integration Line – Petawatt (Bordeaux, FR, geplant für/planned for 2008)
LIM	Line Interface Module
LIMA	Landsat Image Mosaic of Antarctica
LIMS	Laboratory Information Management System, Labor-Informations- und Managementsystem (Qualitätssicherung/quality assurance)
LIMS	Laser-Ionenmobilitätsspektrometer
LIN	Local Interconnect Network (Kfz-Technik/vehicle technology)
LINAC	Linear Accelerator (50 GeV, Stanford, SLAC)
LINC-NIRVANA	LBT Interferometric Camera – Near-Infrared Visible Adaptive Interferometer for Astronomy
LINE	Long Interspersed Element (Genetik/genetics)
LINEAR	Lincoln Near Earth Asteroid Research (NASA program)
LINES	Long Interspaced Nuclear Elements (Genetik/genetics)
L.I.N.K.	Lokalisation, Identifikation, Navigation, Kommunikation (Fraunhofer-Anwendungszentrum, Nürnberg)
LIPA	Long Island Power Authority (USA)
LIPCA	Lightweight Piezo-Composite Actuator
LIPS	Light Intensity Pressure Sensor
LIS	Labor für Intelligente Systeme (Polytechnische Hochschule Lausanne, CH)
LIS	Laboratory Information System
LIS	Library and Information Studies
LIS	Literaturversorgungs- und Informationssysteme
LISA	Laser Interferometer Space Antenna (Gravitationswellendetektor aus 3 Satelliten, geplant für 2019/gravitational wave detector with 3 satellites, planned for 2019)
LISB	Leit- und Informationssystem Berlin (Verkehrsführung/traffic control)
LISC	[Laboratory for Computational Sciences] (FR)
LISM	Local Interstellar Medium
LISNA	Light-Induced Scattering Around a Nano-Absorber
LISP	List Programming (or: Processing)
LISSEN	Lithium Sulfur Superbattery Exploiting Nanotechnology [Modelling and Simulation] (EU project)
LIST	Laboratoire d'Intégration des Systèmes et des Technologies
LiST	Laser-induziertes Spannungs-Trennverfahren (Glasschneiden/glass cutting)
LIT	Landesbetrieb für Informationstechnik (Berlin)
LITE	Lidar-in-Space Technology
LITE	Liverpool Insect Testing Establishment
LITEN	Laboratoire d'Innovation pour les Technologies des Energies Nouvelles et les Nanomatériaux (Grenoble, FR)
LITT	Laser-Induced Interstitial Thermo-Therapy, Laserinduzierte interstitielle Thermo-therapie (Krebsbehandlung/cancer therapy)
LIVA	Light-Induced Voltage Alteration
LJ	Lichtjahr (= ly)
LK	Lake (US Mail)
LK	Leistungskurs
LK	Sri Lanka (früher/former Ceylon) (ISO 3166)
LKA	Landeskriminalamt
LKEs	Lang-Kobayashi Equations (nichtlineare Dynamik/nonlinear dynamics)
LKH	Landeskrankenhaus
LKR	Large-Scale Knowledge Resources (Conference series)
LKS	leichte kognitive Störungen (Alzheimer-Vorstadium, = MCI)
LL	Leased Line (Telekommunikation/telecommunication)
LL	Leichte Löcher (Halbleiterphysik/semiconductor physics)
LLAPI	Low Level Application Programming Interface (Telekommunikation/telecommunication)
LLC	Limited-Liability Company
LLC	Logical Link Control (Telekommunikation/telecommunication)
LLC	Lund Laser Centre (Laserforschungslaboratorium, Lund, SE)
LLCC	Leadless Chip Carrier
LLDPE	Linear Low Density Polyethylene
LLE	Laboratory for Laser Energetics (Rochester, GB)
LLE-CUP	Lossless-Encoding Compressed Ultrafast Photography
LLF	Large Low-Speed Facility (wind tunnel, NL)
LLG	Laser-Laboratium Göttingen
LLLT	Low Level Light Therapy
LLNL	Lawrence Livermore National Laboratory (Livermore, CA, USA)
LLP	Long-Lived Particles
LLS	Lunar Logistics System (1964)
LLS	Lyman-Limit System (astrophysics)
LLT	Lehrstuhl für Lasertechnik (RWTH Aachen)
LLT	Linear Layerwise Theory (Verbundwerkstoffe/compounds)
LLU	Local Loop Unbundling (Telekommunikation/telecommunication)
LLW	Low-Level Waste (radioaktiver Abfall/radioactive waste)
LM	Link Manager (Telekommunikation/telecommunication)
LMA, L.M.A.	Laboratoire de la Mécanique et d'Acoustique (CNRS, Marseille, FR)

LMA	Large Mode Area (Glasfaser/optical fibres)
LMC	Large Magellanic Cloud (Astronomie/astronomy)
LMD	Laboratoire de Météorologie Dynamique (Palaiseau et Paris, FR)
LMD	Laser Metal Deposition
LMDS	Local Multichannel (or: Multipoint) Distribution Service(s) (Telekommunikation/telecommunication)
LMG	Last Major Glaciation (geology)
LMIS	Liquid Metal Ion Sources
LMJ	Laser Project Megajoule
LMK	Lang-, Mittel- und Kurzwelle
LMP	Lärminderungsplanung
LMP	Link Management Protocol (Internet)
LMS	Labor-Managementsystem
LMS	Least Mean Squares (Algorithmus/algorithm)
LMSA	Large Millimeter and Submillimeter Array (Infrarotastronomie/infrared astronomy)
LMT	Large Millimeter Telescope (on Volcán Sierra Negra, MX)
LMT	Liquid Mirror Telescope
LMT	Local Maintenance Terminal (Telekommunikation/telecommunication)
LMT	Low Frequency Magnetotelluric (instrumentation)
LMU	Local Mobile Unit (Telekommunikation/telecommunication)
LMU	Location Measurement Unit (Telekommunikation/telecommunication)
LMU	Ludwig-Maximilians-Universität (München)
LMXB	Low-Mass X-Ray Binary (Röntgendoppelstern/X-ray double star)
LN	Lane (US Mail)
LNA	Lecture Notes in Artificial Intelligence
LNA	Low Noise Amplifier
LNAS	Low Noise Augmentation System (DLR-Pilotenassistenzsystem)
LNB	Low-Noise Block (Converter)
LNC	Low-Noise Converter (Telekommunikation/telecommunication)
lncRNA	lange nichtkodierende RNA
LNG	Liquified Natural Gas (für den Transport verflüssigtes Erdgas/for the transport)
LNGS	Laboratori Nazionali del Gran Sasso (IT)
LNK	[Dateinamenerweiterung: Windows-Linkdatei/file name extension: Windows link file]
LO	Local Oscillator (Telekommunikation/telecommunication)
LOA	Laboratoire Ondes et Acoustique (Université Paris VII)
LOA	Laboratoire d'Optique Appliquée (Ecole Polytechnique, Palaiseau, FR)
LOC	Lab-on-a-Chip
LOCE	Light and Optics Conceptual Evaluation
LOCKSS	Lots of Copies Keeps Stuff Safe (literature preservation, Stanford University, CA, USA)
LOCOS	Local Oxidation of Silicon; Lokale Oxidation von Silizium
LOD	Linked Open Data (scientific publishing)
LOE	Lasers and Optical Engineering (Konferenz/Conference)
LOET	Lateral-Field Electrooptical Tweezers
LOEWE	Landes-Offensive zur Entwicklung wissenschaftlich-ökonomischer Exzellenz (Hessen)
LOFAR	Low-Frequency Array (Astrophysik/astrophysics, Antennen/antennae)
LOFF	[Anatoly] Larkin, [Yurii] Ovchinnikov, [Peter] Fulde, [Richard] Ferrell (state, Festkörperphysik/solid state physics, = FFLO)
LOHAS	Life Style of Health and Sustainability
LOHC	Liquid Organic Hydrogen Carrier
LOKAL	Leckortung durch Korrelationsanalyse
LOM	Learning Object Metadata
LOM	Leistungsorientierte Mittelvergabe (DFG)
LONI	Louisiana Optical Network Initiative (USA)
LORAN	Long Range Navigation
LOS	Line of Sight (Telekommunikation/telecommunication)
LoST	Location-to-Service Translation (Protocol)
LOT	Lapped Orthogonal Transform
LOTIS	Livermore Optical Transient Imaging System (USA)
LOVA	Low Vulnerability Ammunition (Sprengstoff/explosive)
LOVER	Local Verification (Atomenergie-Kontrolle/atomic energy supervision)
LOX	Liquid Oxygen
LP	Larch Prover
LP	Linear Prediction
LP	Linear Programming
lp	log period (earthquakes)
LP	Low Priority
LPA	Laser-Plasma Accelerator
LPAS	Laser Photoacoustic Spectroscopy
LPC	Laser Physics Centre (AU)
LPC	Laser Processing Consortium
LPC	Linear Predictive Coding
LPCC	Linear Predictive Coding Cepstrum
LPCVD	Low Pressure Chemical Vapor Deposition
LPD	Low Power Device (Mobilfunk/mobile radio, 433 MHz)
LPE	Liquid Phase Epitaxy (Waferherstellung/wafer production)
LPF	Low Pass Filter
LPG	Landwirtschaftliche Produktionsgenossenschaft (DDR)
LPG	Liquid Propane (or: Petroleum) Gas
LPL	Laser Physics Laboratory (Paris, FR)
LPL	Lunar and Planetary Laboratory (University of Arizona, USA)

LP-MOVPE	Low Pressure Metalorganic Vapor Phase Epitaxy
LPPP	Poly(p-Phenylene)-Polymer (für Leuchtdioden/for light emitting diodes)
LPR	Local Positioning Radar
LPS	Leak Prevention System (HPC)
LPS	Lipopolysaccharid
LPS	Lokales Positionssystem
LPSOL	Lecturer with Potential Security of Employment (USA)
LPSS(L)	Lamp-Pumped Solid State (Laser)
LQG	Linear Quadratic Gaussian (Control)
LQG	Loop Quantum Gravity (Gravitationstheorie/theory)
LQR	Linear Quadratic Regulator (Control)
LR	Liberia (ISO 3166)
LR	Loss Rate (Telekommunikation/telecommunication)
LR	Low Resolution
LRAD	Long Range Acoustic Device (Richtlautsprecher, „Schallkanone“)
LRC	Learning Resources Center (UB Göttingen, DE)
LRC	Lokale realistische Theorie
LRC	Long Range Correlation
LRCS	Laboratoire de Réactivité et Chimie des Solides (Amiens, FR)
LRD	Long-Range Dependent
LRIT	Long Range Identification and Tracking (Meeresküstenschutz/sea shore preservation)
LRL	Lawrence Radiation Laboratory (Berkeley, CA, USA)
LRO	Lunar Reconnaissance Orbiter
LROC	Lunar Reconnaissance Orbiter Camera
LRP	Long-Range Plan
LRSP	Long-Range Surface Plasma
LRT	Laser Ray Tracing
LRT	Light Rapid Transport (Eisenbahntechnik/railway technology)
LRTNF	Long-Range Theatre Nuclear Forces
LRU	Least Recently Used
LRU	Light Weight Rover Unit
LRU	Line Replaceable Unit
LRV	Lunar Roving Vehicle (1964)
LRZ	Leibniz-Rechenzentrum (München)
LS	Least Square(s)
LS	Lesotho (ISO 3166)
LS	Location Service (Telekommunikation/telecommunication)
LSA	Laser Surface Authentication Technology (Maßnahmen gegen Produktpiraterie/measures against product piracy)
LSA	Latent Semantic Analysis (Sprachverarbeitung/speech processing)
LSA	Lichtsignalanlage (= Verkehrsampel)
LSA	Line Source Array
LSA	Linguistic Society of America
LSA	Link State Advertisement (Telekommunikation/telecommunication)
LSAG	LHC Safety Assessment Group (CERN)
LSAT	Law School Admission Test (USA)
LSB	Least Significant Bit
LSB	Low-Surface-Brightness (Galaxien/galaxies)
LS & C	Local Space & Communications (Telekommunikation/telecommunication)
LSCI	Light and Spectroscopy Concept Inventory (astronomy education)
LSD	Lost Smell Disorder
LSDB	Link State Database (Telekommunikation/telecommunication)
LSDF	Large Scale Data Facility
LSDG	Latitudinal Species Diversity Gradient (Meeresfauna/marine fauna)
LSDI	Large Screen Digital Imagery (TV)
LSE	Least Squares Error (or: Estimator)
LSE	London School of Economics (and Political Science)
LSE	Low Surface Energy
LSF	Line Spread Function (Optik/optics)
LSF	Load Sharing Facility
LSFM	Light-Shield Fluorescence Microscopy, Lichtscheibenfluoreszenzmikroskopie
LS-GMLC	Location Server–Gateway Mobile Location Center (Telekommunikation/telecommunication)
LSI	Liquid Silicon Infiltration
LSK	Lysosomale Speicherkrankheit
LSM	Laboratoire Souterrain de Modane
LSM	Laboratory for Surface Modification (Rutgers University, NJ, USA)
LSM	Laser Scanning Microscope
LSM	La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> (Material für Brennstoffzelle/material for fuel cell)
LSM	Link Security Management (Telekommunikation/telecommunication)
LSND	Liquid Scintillator Neutrino Detector (Los Alamos, NM, USA)
LSP	Label(ed) Switch(ed) Path (Telekommunikation/telecommunication)
LSP	Line Spectral Pair (LPC-Analyse/analysis)
LSPD	Link State Path Database (Telekommunikation/telecommunication)
LSPR	Localized Surface Plasmon Resonance
LSR	Label Switched Router (Telekommunikation/telecommunication)
LSS	Large-Scale Structure (jet noise)
LSS	Large Space Structure
LSS	Large Straight Section (LHC, CERN)
LSST	Large(-Aperture) Synoptic Survey Telescope (geplant/planned in Chile)

LSSTP	Large Space Structures Technology Program
LST	Laser Scattering Tomograph
LST	Leit- und Sicherungstechnik (Eisenbahntechnik/railway technology)
LSTI	LTE/SAE Trial Initiative (Telekommunikation/telecommunication) (Long Term Evolution/System Architecture Evolution)
LSU	Louisiana State University (USA)
LSWG	Life Sciences Working Group (ESA)
LT	Lecture Tutorial (education)
LT	Line Termination (Kommunikation/communication)
LT	Litauen/Lithuania (ISO 3166)
LTA	Landesmuseum für Technik und Arbeit (Mannheim)
LTAS	Long-Term Average Spectra (Linguistik/linguistics)
LTBT	Limited Test Ban Treaty
LTCC	Low-Temperature Co-Fired Ceramic(s)
LTD	Laser Display Technology
Ltd.	Limited (GB, entspricht GmbH)
LTE	Local Thermodynamic Equilibrium
LTE	Long Term Evolution (Telekommunikation/telecommunication)
LTE-A	Long Term Evolution Advanced
LTERR	Long Term Ecological Research
LTF	Loudness-Transfer Function
LTG	Low-Temperature-Grown (Kristall/crystal)
LTI	Learning Tools Interface
LTP	Long-Term Potentiation (Neurologie/neurology)
LTR	Long Terminal Repeats (Genetik/genetics)
LTRC	Lung Tissue Research Consortium
LTS	Low- $T_c$ (or: Temperature) Superconductor
LTV	Life Time Value
LU	Luxemburg/Luxembourg (ISO 3166)
LUCA	Last Universal Common (or: Cellular) Ancestor (Genetik/genetics)
LUCE	Laser-Utilizing Communications Equipment
LUCIFER	LBT Near-Infrared Spectroscopic Utility with Camera and Integrated Field Unit for Extragalactic Research
LUDA	Large Urban Distressed Areas
LUKO	Lumineszenz-Konversion (LED)
LULI	Laboratoire pour l'Utilisation des Lasers Intenses (Laboratory for the Use of High Power Laser) (FR)
LUMO	Lowest Unoccupied Molecular Orbital
LUN	Logical Unit Number
LUP	Liverpool University Press
LUPO	Luminescent Polymer
LURE	Laboratoire pour l'Utilisation du Rayonnement Electromagnétique (Ile de France)
LURE	Lunar Laser Ranging
LUT	Lookup Table
LUVOIR	Large Ultraviolet/Optical/Infrared Surveyor
LUX	Large Underground Xenon (dark-matter experiment)
LV	Lettland/Latvia (ISO 3166)
LVAD	Left Ventricular Assist Device (Herzchirurgie/heart surgery)
LVC	Large Vesicle Cell
LVCSR	Large-Vocabulary Continuous Speech Recognition
LVDS	Low-Voltage Differential Signaling (interface standard for high-speed data transmission)
LVS	Lawinenschütteten-Such[geräte]
LWA	Landesamt für Wasser und Abfall (Düsseldorf)
LWB	Laser-Welded Blank
LWDRM	Light Weight Digital Rights Management
LWE	Learning with Errors (encryption)
LWFA	Laser Wakefield Accelerator (Plasmabeschleuniger/plasma accelerator)
LWIR	Long Wavelength Infrared ( $\lambda = 8 \dots 14 \mu\text{m}$ )
LWL	Lichtwellenleiter
LWQHPR	Longest Weighted Queue Highest Possible Rate (Datenübertragung/data transmission)
LWR	Leuchtweitenregelung (Kfz/motor vehicle)
LWR	Light Water Reactor
LWRT	Low Weight Reinforced Thermoplastics
LWS	Lendenwirbelsäule
LWS	Living With a Star (NASA program)
LXI	LAN Extensions for Instrumentation (Messgeräte-Vernetzung/network of measuring instruments)
ly	Light Year(s) (= LJ)
LZarG	Leiser Zug auf realem Gleis (Forschungsprojekt)
LZB	Landeszentralbank
LZB	Linienzugbeeinflussung (Eisenbahntechnik/railway technology)
LZE	Leistungszentrum Elektroniksysteme (Erlangen)
LZF	LZB-Fahrzeugeinrichtung
LZH	[Dateinamenerweiterung: Archivdatei mit komprimierten Inhalten/file name extension: compressed archive file]
LZH	Laser Zentrum Hannover (DE)
LZT	Large Zenith Telescope (geplant, mit rotierendem Quecksilberspiegel/proposed, with spinning mercury mirror)
L2CAP	Logical Link Control and Adaptation Protocol (Telekommunikation/telecommunication)
L2TP	Layer 2 Tunneling Protocol (Datenübertragung/data transmission)

## M

M...	Mega... (Präfix/prefix): $10^6$
m...	Milli... (Präfix/prefix): $10^{-3}$
$\mu$ ...	Mikro... (Präfix/prefix): $10^{-6}$
MA	Marokko/Morocco (ISO 3166)
MA	Massachusetts (US-Staat/US state)
MA	Master of Arts
MA	Morbus Alzheimer
MA	Movement Authority (Eisenbahntechnik/railway technology)
MA	Moving Average (gleitende Mittelung, Glättungsfilter)
MAA	Minimum Audible Angle (Hörvermögen/hearing research)
MAAB	MathWorks Automotive Advisory Board
MAB	Man and Biosphere (Naturschutz/nature conservation)
MAC	Marine Aquatic Council (Internationale nichtkommerzielle Organisation/international non-commercial organization)
MAC	Medium (or: Media) Access Control (Layer) (Telekommunikation/telecommunication)
MAC	Message Authenticity (or: Authentication) Check (or: Code) (Datennetz/data network)
MAC	Metropolitan Airports Commission
MAC	Modal Assurance Criterion
MACClim	Middle Atmosphere in a Changing Climate
MAC-d	Medium Access Control Dedicated (Telekommunikation/telecommunication)
MACH	Multiple Active Computer-Generated Hologram
MACHO	Massive Astrophysical Compact Halo Objects
MAC-hs	Medium Access Control High Speed (Telekommunikation/telecommunication)
MACO	Multi-Objective Ant Colony Optimization
MacOS	Macintosh Operating System
MACRO	Monopole, Astrophysics and Cosmic Ray Observatory (Gran Sasso, IT)
MACS	Membership and Customer Services (AIP)
MACS	Modular Airborne Camera System
MAD	Magnet-Anomalie-Detektor
MAD	Magnetron Activated Deposition (dünne Schichten/thin layers)
MAD	Metalorganic Aerosol Deposition
MAD	Militärischer Abschirmdienst
MAD	Multiple Anomalous Diffraction
MAD	Mutually Assured Destruction („Star Wars“)
Madaline	Multiple Adaptive Linear Elements
MADE	Mitigating Adverse Ecological Impacts of Open Ocean Fisheries (EU project)
MAE	Mechanical and Astronautical (or: Aerospace) Engineering
MAES	[Society of] Mexican American Engineers and Scientists
MAGIC	Major Atmospheric Gamma-Ray Imaging Čerenkov (Telescope) (La Palma, Kanarische Inseln/Canaries)
MAGIS	Magnetically Activated and Guided Isotope Separation
Maglev	Magnetic Levitation
MAHRSI	Middle Atmosphere High Resolution Spectrograph Investigation
MAI	Multiple Access Interface (Telekommunikation/telecommunication)
MAIA	Mental Augmentation through Determination of Intended Action (EU project)
MAIS	Meso-American Institute for Science (ICTP, in Mexico)
MAISEC	Material-Informationssystem für elektronische Komponenten
MAK	Maximale Arbeitsplatzkonzentration
MAk	Monoklonale Antikörper (Biomedizin/biomedicine)
MALDI	Matrix-Assisted Laser Desorption and Ionization (molecular imaging)
MALVINE	Manuscripts and Letters via Integrated Networks in Europe
MAMI	Mainzer Mikrotron (Elektronenbeschleuniger/electron accelerator)
MAN	Maschinenfabrik Augsburg/Nürnberg (DE)
MAN	Metropolitan Area Network (Rechnernetz/computer network)
MANA	[International Center for] Materials Nanoarchitectonics (Tsukuba, Japan)
MANIAC	Mathematical Analyzer, Numerical Integrator, and Computer (Los Alamos, NM, USA, ca. 1950)
MANPADS	Man-Portable Air Defence Systems
MAO	Methylaluminoxan (Katalysator/catalyst)
MAP	Malaria Atlas Project
MAP	Manufacturing Automation Protocol (Datennetz bei GM/data network of GM)
MAP	Maximum a posteriori (probability) (Schätzwert/estimate)
MAP	Measures of Academic Progress (test)
MAP	Medically Assisted Procreation
MAP	Medium Access Protocol
MAP	Microwave Anisotropy Probe (Satellit, Astrophysik/satellite, astrophysics)
MAP	Miniaturisierung, Automatisierung und Parallelisierung (Chemie-Forschung/chemical research)
MAP	Mobile Application Part (Telekommunikation/telecommunication)
MAP	Modular Automated Processing (system)
MAP	Multichannel Astrometric Photometer
MAP	Multimedia-Arbeitsplatz
MAP	Mussel Adhesive Protein, Muschel-Adhäsionsprotein
MAPL	Maximum Allowable Path Loss (Telekommunikation/telecommunication)
MAPLE	Matrix-Assisted Pulsed-Laser Evaporation
MAPOS	Multi-Agent Platform for Online Services (Telekommunikation/telecommunication)
MAPS	Mobile Acquisition and Processing Station (Satelliten/satellite system)
MAQCM	Microarray Quality Control (Biochemie/biochemistry)
MARAS	Marine Radiometric Spectrometer
MARAS	Mobile, Adaptable and Rapidly Assembled Structure (Conference series)
MARC	Machine-Readable Cataloging
MARGI	Multidisciplinary Academic Research & Global Innovation (Conference series)



MaRIUS	Magnetic Resonance Imaging Using Ultrasound
MARMOT	Method for Component-Based Real-Time Object-Oriented Development and Testing
MARS	Media Arts and Research Studies
MARS	Monitoring Agricultural Remote Sensing
MARUM	[Zentrum für] Marine Umweltwissenschaften (Universität Bremen)
MAS	Marker-Assisted Selection, Marker-assistierte Selektion (Pflanzenzucht/plant cultivation)
MASCIPO	Mondes Américains, Sociétés, Circulations, Pouvoirs (French research organization)
MASCOT	Mobile Asteroid Surface Scout (Start: 3.12.2014, Landung geplant für 2019, DLR + CNES + JAXA)
MASCOT	Multi-Angle Scattering and Optical Transmission (detector)
MAS	Master of Advanced Studies
Maser	Microwave Amplification by Stimulated Emission of Radiation
MASH	Material Absorbing Sound and Heat
MASH	Mobile, Adaptable and Rapidly Assembled Structures (Conference series)
MASIF	Mobile Agent Systems Interoperability Facility (Telekommunikation/telecommunication)
MAST	Mega-Amp Spherical Tokamak (Culham, UK)
MathML	Mathematical Markup Language
MATHUSLA	Massive Timing Hodoscope for Ultra-Stable Neutral Particles
MATLAB	Matrix Laboratory (Software)
MAU	Million Accounting Units (Europäische Raumfahrt/European spacecraft; 1988: 1 MAU = 1.14 Mill.\$)
MAU	Movement Authority Unit (Eisenbahntechnik/railway technology)
MAV	Micro-Aerial Vehicle
MAVEN	Mars Atmosphere and Volatile Evolution (Orbiter)
MAVI	Modulare Algorithmen für Volumenbilder (Software für 3D-Bildverarbeitung, ITWM)
MAW	Mission Adaptive Wing
MAX	Multiton Argon and Xenon (at UCLA)
MAXAT	Maximum Aperture Telescope
MAX-C	Mars Astrobiology Explorer-Cacher (Mars landing 2018)
MAXI	Monitor of All-Sky X-Ray Image (astronomy)
MAXIMA	Millimeter Anisotropy Experiment Imaging Array (Ballon-Experiment/balloon experiment)
MaxNDVI	Maximum Normalized Difference Vegetation Index
MAZ	magnetische Bildaufzeichnung
MB	Manitoba (Province of Canada)
MB	Megabyte (= 1024 kB = 1048576 Bytes)
MB	Mössbauer (spectroscopy)
MBA	Master of Business Administration
MBARI	Monterey Bay Aquarium Research Institute (Moss Landing, CA, USA)
MBB	Messerschmitt-Bölkow-Blohm GmbH, München (DE)
MBCS	Managed Business Communication Services (Telekommunikation/telecommunication)
MBD	Model-Based Design
MBD	Multi-Body Dynamics
MBD	Multichannel Blind Deconvolution
MBDD	Model-Based Drug Development
MBE	Molecular-Beam Epitaxy
MBES	Multi Beam Echo Sounder (Wasserschall/underwater acoustics)
MBF	Minimum Bow Force (musical acoustics)
MBI	Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie (Berlin-Adlershof)
MBI	Mechanobiology Institute (National University of Singapore)
MBL	Marine Biological Laboratory (Woods Hole, MA, USA)
MBML	Memory-Based Machine Learning
MBMS	Multimedia Broadcast and Multicast Service (Telekommunikation/telecommunication)
MBO	Management Buy Out
MBP	Model-Based Processor (or: Processing) (Signalverarbeitung/signal processing)
MBPC	Model Based Predictive Control
MBS	Maximum Burst Size
MBS	Multi-Standard Base Station (Telekommunikation/telecommunication)
MBSFN	Multicast Broadcast Single Frequency Network
MBSL	Multi-Bubble Sonoluminescence, Mehrblasenlumineszenz
MBSR	Mindfulness-Based Stress Reduction, achtsamkeitsbasierte Stressreduktion
MC	Monaco (ISO 3166)
MC	Monte-Carlo (Simulation)
MCA	Middle Cerebral Artery
MCA	Minor Component Analysis
MCA	Modal Contribution Analysis (Schwingungsanalyse/vibration analysis)
MCA	Multichannel Analyzer (for spectroscopy)
MCAEC	Multichannel Acoustic Echo Cancellor
MCAO	Multiconjugate Adaptive Optics
MCAT	Medical College Admission Test (USA)
MCB	Media Control Board
MCC	Master Control Center (Telekommunikation/telecommunication)
MCC	Metro(politain) Core Connect (Telekommunikation/telecommunication)
MCC	Mission Control Center (spacecraft)
MCC	Mobile Competence Center (Telekommunikation/telecommunication)
MCC	Mobile Country Code (Mobilfunk/mobile radio)
MCCM	Meteorology Climate Chemistry Model
MCCP	Microchannel-Cooled Package (Laser)
MCD	Magnetic Circular Dichroism
MCD	Measurement, Calibration, Diagnostics
MCD	Mobile Communication Division

MCDAD	Magnetic Circular Dichroism in Angular Distribution
MCE	Magnetocaloric Effect
MCE	Media Center Edition (Windows XP)
MCF	Multimedia Content Forum (Telekommunikation/telecommunication)
MCFC	Molten Carbonate Fuel Cell
MCG	Magneto-Cumulative Generator
MCHA	Music and Concert Hall Acoustics (International Symposium)
M-CHiPS	Multi-Conditional Hybridization Intensity Processing System (Krebsforschung/cancer research)
MCI	Mild Cognitive Impairment (Alzheimer-Vorstufe, = LKS)
MCIS	Managed Customer Interaction Services (Telekommunikation/telecommunication)
MCM	Machine Condition Monitoring
MCM	Mine Countermeasure
MCM	Multi-Chip Module
MCMC	Monte Carlo Markov Chain
MCO	Mars Climate Observer
MCP	Microchannel Plate, Mikrokanalplatte, Vielkanalplattendetektor
MCPA	Multi Carrier Power Amplifier (Telekommunikation/telecommunication)
MCPC	Multiple Channel per Carrier (Telekommunikation/telecommunication)
MCR	Main Control Room (ESOC)
MCR	Microfibre Coil Resonator (Faseroptik/fiber optics)
MCR	Multiple Channel Amplification of Reverberation (Raumakustik/room acoustics)
MCS	Managed Communication Services (Telekommunikation/telecommunication)
MCS	Mathematics Subjects Classification
MCS	Minimal Conscious State (Koma-Patienten/coma patients)
MCS	Modulation and Coding Scheme (Telekommunikation/telecommunication)
MCSCF	Multi-Configuration Self-Consistent-Field (Rechenverfahren, Molekülphysik/calculation, molecular physics)
MC-SS	[International Workshop on] Multi-Carrier Spread-Spectrum
MCT	Mercury Cadmium Telluride (Infrarotsensor/infrared sensor)
MCT	Mobile Communications Terminal
MCTS	Monte Carlo Tree Search
MCU	Master Controller Unit
MCU	Microcontroller Unit
MCW	Medical College of Wisconsin (USA)
MD	Maryland (US-Staat/US state)
MD	Medical Doctor
MD	Moldawien/Moldova (ISO 3166)
MD	Molecular Dynamics
MDA	Missile Defense Agency (USA)
MDA	Multiple Diskriminantenanalyse
MDAQ	Mediation and Data Acquisition (Telekommunikation/telecommunication)
MDB	[Dateinamenerweiterung: Microsoft Access-Datenbank/file name extension: Microsoft Access data bank]
MdB	Mitglied der Bundestages
MDC	Max-Delbrück-Centrum für Molekulare Medizin (Berlin-Buch)
MDC	Modular Data Centre
MDCT	Modified Discrete Cosine Transformation
MDCT	Multidetektor-Spiral-Computertomograph
MDD	Multivariate Discrete Distribution (statistics)
MdEP	Mitglied des Europäischen Parlaments
MDF	mitteldichte Faserplatte/Medium Density Fiberboard
MDFC	Multiple Delay Feedback Control
MDFF	Molecular Dynamics Flexible Fitting (computer program)
MDG	Millenium Development Goals (Entwicklungshilfe/foreign aid)
MDI	Media Delivery Index (Telekommunikation/telecommunication)
MDI	Methylendiphenyldiisocyanat (oder: Diphenylmethylen-diisocyanat)
MDI	Michelson Doppler Imager (an Bord von/aboard SOHO)
MDIS	Mercury Dual Imaging System (Merkur-Satellit)
MDL	Minimum Description Length
MdL	Mitglied des Landtages
MDO	Multi-Disciplinary Optimization
MDOF	Multi-Degree-of-Freedom (System)
MDP	Monoclinic Double Tungstate (Crystals)
MDPI	Multidisciplinary Digital Publishing Institute
MDR	Mitteldeutscher Rundfunk
MDR	Multi-Drug Resistance (Gene/genes)
MDS	Mobile Data Server (Telekommunikation/telecommunication)
MDS	Multi-Access Data Server (Telekommunikation/telecommunication)
MDS	Multidimensional Scaling
MDS	Multipoint Distribution System (Telekommunikation/telecommunication)
MDS	Myelodysplastisches Syndrom
MDSS	Mobile Data Service System (Telekommunikation/telecommunication)
MDST	Modified Discrete Sine Transformation
MDU	Multiple Dwelling Units (Telekommunikation/telecommunication)
MDV	Mechatronic Development and Validation
MDV	Medizinische Datenverarbeitung
MDX	Multidisciplinary Design Exploration
ME	Magnitude Error (Telekommunikation/telecommunication)
ME	Maine (US-Staat/US state)
ME	Maximum Entropy

ME	Millenium Edition (Microsoft Windows)
ME	Mobile Entity (or: Equipment) (Telekommunikation/telecommunication)
MEA	Membrane Electrode Assembly (Brennstoffzelle/fuel cell)
MEA	Monoethanol Amine
M.Ed.	Master of Education
MED	Maximum Entropy Distribution
MED	Multi-Effect Distillation (zur Meerwasserentsalzung)
MED-CSP	Concentrating Solar Power for the Mediterranean Region
MEDEA	Microelectronics Development for European Applications
MEDIA	Metadata Encapsulation for Digital Information and Assets
MeDICI	Middleware for Data Intensive Computing
MEDYNA	Euro-Mediterranean Conference on Structural Dynamics and Vibroacoustics
MEEI	Massachusetts Eye and Ear Infirmary (Boston, MA, USA)
MEET Man	Models for Simulation of Electromagnetic, Elastomechanic and Thermic Behaviour of Man
MEF	Metro(politain) Ethernet Forum (Telekommunikation/telecommunication)
MEFX	Multiple Error Filtered-x (Algorithmus/algorithm)
MEG	Magnet(o)enzephalographie, Magnetoencephalography
MEG	Multiple Exiton Generation (Festkörperphysik/solid state physics)
MEGA	Multiquellen-Magnetron-Sputteranlage
MEGACO	Media Gateway Controller (Telekommunikation/telecommunication)
MEGAPIE	Megawatt Pilot Experiment (PSI)
MEIS	Managed Employee Interaction Services (Telekommunikation/telecommunication)
MELCO	Mitsubishi Electric Corporation
MELDOQ	Melanomdokumentierung und -quantifizierung
MELECON	Mediterranean Electrotechnical Conference
MELP	Mixed Excitation Linear Prediction (Sprachcodierung/speech coding)
MEM	Maximum Entropy Method
MEM	Micro-Electronic Micro Machine
MEMRO	Middle-Ear Mechanics in Research and Otology (Conference series)
MEMS	Micro-Electro-Mechanical Systems
MEN	Metropolitain Ethernet
MENA	Middle East and North Africa (States)
MEO	Medium Earth Orbit
MEOSS	Monocular Electro-Optical Stereo Scanner
MEP	Manufacturing Extension Partnership (USA)
MEP	Mars Exploration Program
MEP	Medium Energy Physics
MER	Mars Exploration Rover (Raumfahrt/spacecraft)
MER	Modulation Error Rate (or: Ratio)
MERIS	Medium Resolution Imaging Spectrometer Instrument (ENVISAT)
MERLIN	Methane Remote Sensing Lidar Mission (climate satellite, planned for 2014)
MERLIN	Multi-Element Radio Linked Interferometer (Astrophysik/astrophysics)
MErLiN	Mutitouch-Based Electronic Reliable Lab-Integrated Notebook
MERS	Middle East Respiratory Syndrome
MES	Manufacturing Execution System
MESA	Microsystems and Engineering Science Application (Albuquerque, NM, USA, 2007)
MESAP	Modulare Energie-System-Analyse und Planung
MESEMA	Magnetoelastic Energy System for Even More Electric Aircraft (EU project)
MESFET	Metal Semiconductor Field Effect Transistor
MESSENGER	Mercury Surface, Space Environment, Geochemistry, and Ranging (Raumfahrt/spacecraft)
MESZ	Mitteleuropäische Sommerzeit
MET	Memory Enhancement Technology
META	Megachannel Extraterrestrial Assay (Suche nach außerirdischer Intelligenz/search for extraterrestrial intelligence)
META	Mehrfachtaumelscheibe (Hubschraubertests)
METAHIT	Metagenomics of the Human Intestinal Tract (EU project)
METAS	Bundesamt für Metrologie (Schweiz)
METERON	Multi-Purpose-End-to-End-Robotic Operation Network
METI	Ministry of Economy, Trade and Industry (Japan)
METIS	Meldesystem für Texte auf Internet-Seiten (VG WORT)
METRIC	Exploitation of Bibliometric Data in National Bibliographic Databases
METS	Metabolisches Syndrom
MeVis, MEVIS	Centrum für Medizinische Diagnosesysteme und Visualisierung (Bremen, 1995) Seit 1.1.2008/since Jan. 1, 2008: Fraunhofer-Institut für Bildgestützte Medizin
MEX	Mars Express (spacecraft)
MExE	Mobile Station Execution Environment (Telekommunikation/telecommunication)
MEXH	Multiple-Energy X-Ray Holography
MEXT	Ministry of Education, Culture, Sports, Science and Technology (Japan)
MEZIS	Mein Essen zahl ich selbst (Deutsche Ärzteinitiative)
MF	[DLR-] Institut für Methodik der Fernerkundung
MF	Medium Frequency (0,3 – 3 MHz)
MFA	Mid Frequency Active (military sonar)
MFA	Multifunktionsanzeige (Kfz)
MFC	Macro Fiber Composites
MFC	Microsoft Foundation Classes
M FCC	Mel-Frequency Cepstral Coefficients (automatische Sprach- oder Musik-Analyse/automatic speech or music analysis)
mFDAS	Miniature Flight Data Acquisition System
MFI	Matched-Field Imaging (Signalverarbeitung/signal processing)
MFLAME	Multi-Function Future Laser Atmospheric Equipment (Brite Euram Project)

MFLOPs/s	Mega FLOPs/s (= 10 <sup>6</sup> FLOPs/s)
MFM	Magnetic Force Microscopy
MFN	Multi Frame Number (Telekommunikation/telecommunication)
MFN	Multi Frequency Network, Mehrfrequenznetz (Telekommunikation/telecommunication)
MFP	Matched Field Processing
MFP	Mean Free Path
MFP	Multi Function Peripheral
MFS	Method of Fundamental Solutions
Mfs	Ministerium für Staatssicherheit (ehem./former DDR)
MFS	Multi-BSS Fast Packet Server (Telekommunikation/telecommunication)
MFZ	Multifunktionale Roboterzelle (DLR, ZLP, Augsburg)
MG	Madagaskar/Madagascar (ISO 3166)
MG	Makroglobulin (Plasmaprotein)
MG	Media Gateway (Telekommunikation/telecommunication)
MGA	Multi-Objective Genetic Algorithm
MGC	Media Gateway Controller (Telekommunikation/telecommunication)
MGC	Micro-Gap Gas Counter
MGCF	Media Gateway Control Function (Telekommunikation/telecommunication)
MGCP	Media Gateway Control Protocol (Telekommunikation/telecommunication)
MGED	Microarray and Gene Expression (Society)
MGH	Massachusetts General Hospital (Boston, MA, USA)
MGR	Media and Government Relations (USA)
MGS	Mars Global Surveyor (spacecraft)
MGT	Multi Gigabit Transceiver (Satelliten-Telekommunikation)
MGU	[Moskauer Staatliche Universität/Moscow State University]
MGW	Media Gateway (Telekommunikation/telecommunication)
MH	Marschallinseln/Marshall Islands (ISO 3166)
MHB	Magnus-Haus Berlin (DPG)
MHC	Major Histocompatibility Complex (Biochemie/biochemistry)
MHD	Magnetohydrodynamics (Fusionsreaktortechnik/fusion reactor technology)
MHEG	Multimedia and Hypermedia Information Coding Experts Group (Telekommunikation/telecommunication)
MHIA	Material Handling Institute of America (Atlanta, GA, USA)
MHL	Mobile High-Definition Link (Telekommunikation/telecommunication)
MHP	Mouse Hepatitis Virus
MHP	Multimedia Home Platform (Telekommunikation/telecommunication)
MHRA	Medicine and Healthcare Products Regulatory Agency (GB)
MHT	Magnetische Hyperthermie
MHV	Marie Heim-Vöglin (Preis des SNF)
MHV	Mouse Hepatitis Virus
MIAME	Minimum Information about a Microarray Experiment (Bioinformatik/bioinformatics)
MIB	Managment Information Base
MI	Michigan (US-Staat/US state)
MIC	Mikroelektronik Centret (DK-Lyngby)
MIC	Minimal-Invasive Chirurgie
MIC	[IASTED International Conference on] Modelling, Identification and Control
MICAPEX	Minimum Initial Capital Expenditure
MICE	(International) Muon Ionization Cooling Experiment (UK)
MICROSCOPE	MICRO Satellite à Traînée Compensée pour l'Observation du Principe d'Equivalence (CNES)
MID	[Dateinamenerweiterung: MIDI-Datei/file name extension: MIDI file]
MIDI	Musical Instruments Digital Interface
MIDP	Mobile Information Device Profile (Telekommunikation/telecommunication)
MIF	Makrophagen-Inhibitionsfaktor
MIF	Mass-Independent Fractionation
MIIPS	Multiphoton Intrapulse Interference Phase Scan
MIIR	Méthode d'isolement et d'identification des résonances
MIKSS	(gesprochen/pronounced: "mix") Media Object Interlock and Synthesis (Video description language)
MIL	(Department of Defense) (Internet, USA)
MIL	Material des Instituts Lavoisier
MIL	Model-in-the-Loop
MILCOM	Military Communications Conference
MILSET	International Movement for Leisure Activities in Science and Technology
MIMD	Multiple Instruction / Multiple Data (Parallelrechner/parallel processor)
MIME	Multipurpose Internet Mail(ing) Extension(s)
MIMIC	Monolithic Microwave Integrated Circuits
MIMO	Multiple Input – Multiple Output (Controller, System)
MIMOS	Miniaturisiertes Mössbauer-Spektrometer
MINDS	Mobile Information and News Data Services
MINFLUX	Minimal Emission Fluxes (fluorescence microscopy)
MINT	Mathematik, Informatik, Naturwissenschaft und Technik
MINUET	Minnesota Internet User's Essential Tool (Computer-Netzwerkserver/computer network server)
MIO	Modular I/O (HP)
MIP	Megaframe Initialization Packet (Telekommunikation/telecommunication)
MIP	Mobile Internet Protocol
MIP	Model Intercomparison Project (climate research)
MIPAS	Michelson Interferometer for Passive Atmospheric Sounding (ENVISAT)
MIPI	Mobile Industry Processor Interface
MIPS	Million instructions (Mega-Instructions) per second
MIPS	Molecularly Imprinted Polymers (Chemie/chemistry)

MIPS	Münchener Informationszentrum für Proteinsequenzen
MIR	Mid-Infrared
MIREX	Music Information Retrieval Evaluation Exchange
MIRI	Mid-Infrared Instrument (Spektrometer für das/spectrometer for the James West Space Telescope)
MIRIFISENS	Mid Infrared Innovative Lasers for Improved Sensors of Hazardous Substances (EU project)
miRNA	Micro-RNA (length: about 21 nucleotides)
MIRV	Multiple Independently Targetable Reentry Vehicles
MIS	Management Information System
MISACT	Multiple Interacting Sensors and Actuators
MISIM	Metal-Isolator-Semiconductor-Isolator-Metal
MISO	Multiple Input – Single Output (Controller, System)
MISR	Multiangle Imaging Spectro-Radiometer (Satelliten-Erd-Fernerkundung/satellite remote reconnaissance)
MISRA	Motor Industry Software Reliability Association
MIT	Management Information Tree
MIT	Massachusetts Institute of Technology
MIT	minimal-invasives Therapieverfahren
MITES	Miniature Inverted-Repeat Transposable Elements (Genetik/genetics)
MITI	[Institut für] Minimalinvasive therapeutische Interventionen (TU München)
MITI	Ministry of International Trade and Industry (Japan)
MITLL	Massachusetts Institute of Technology Lincoln Laboratory
MIUH	Medizinisches Institut für Umwelthygiene (Düsseldorf)
MIXSEL	Modelocked Integrated External-Cavity Surface-Emitting Laser
MIZ	Marginal Ice Zone Program
MJFF	Michael J. Fox Foundation (funder of Parkinson's Research)
MJO	Madden-Julian-Oscillation (meteorology)
MK	Mazedonien/Macedonia (ISO 3166)
MKB	Media Key Block (Telekommunikation/telecommunication)
MKB	Motorkennbuchstabe (Kfz)
MKG	Magnetokardiographie
MKG	Mund-Kiefer-Gesicht (Chirurgie/surgery)
mks	Meter – Kilogramm – Sekunde, meter – kilogram – second (Maßsystem/system of units)
MKV	[Dateinamenerweiterung: Videodatei]
ML	Machine Learning
ML	Mali (ISO 3166)
ML	Maximum Likelihood (Statistik/statistics)
MLA	Mercury Laser Altimeter (Raumfahrt/spacecraft)
MLA	Modern Language Association
MLAPI	Medium Level Application Programming Interface (Telekommunikation/telecommunication)
MLB	Modularer Längsbaukasten (Kfz-Entwicklung)
MLC	Mobile Location Center (Telekommunikation/telecommunication)
MLC	Multileaf Collimator (Röntgentechnik/X-ray technology)
MLCD	Mars Laser Communications Demonstration System
MLCF	Maximum Likelihood Confidence Factor
MLD	Multicast Listeners Discovery Protocol (Telekommunikation/telecommunication)
MLD	Multi-Layer-Dielectric (Spiegelbeschichtung/optical mirror coating)
MLE	Maximum Likelihood Estimation
MLE	Medium to Large Enterprise
MLI	Multi-Layer Insulation
MLLR	Maximum Likelihood Linear Regression (Signalverarbeitung/signal processing)
MLM	Maximum Likelihood Method (Parameterschätzung/parameter estimation)
MLO	Mycoplasma-like Organism
MLP	Medium- to Long-Term Plan
MLP	Mobile Location Protocol (Telekommunikation/telecommunication)
MLP	Multi-Layer Perceptron
MLS	Maximum Length Sequence (Maximalfolge)
MLS	Mikrowellenlandesystem
MLT	Micro Laser Terminal
MLTT	Martin-Löfs Typentheorie
MLTU	Monitoring and Line Transmission Unit (Telekommunikation/telecommunication)
M-LVDS	Multipoint Low Voltage Differential Signaling (für vernetzte Messgeräte/for crosslinked measuring instruments)
MM	Mobile Management (Telekommunikation/telecommunication)
MM	Multi Mode (Telekommunikation/telecommunication)
MM	Myanmar (früher/former Burma) (ISO 3166)
MMA	Multi-Moment Analysis
MMAE	Monomethylauristatin E
MMAF	Multimodal Adaptive Filter
MMAS	Multimedia Application Server (Telekommunikation/telecommunication)
MMC	Maintenance, Monitoring and Control
MMC	Micromaching Center (in USA: Boston, MA, und/and Silicon Valley, CA)
MMC	Multimedia Card
MMC	Multimedia Multiparty Conferencing
MMCF	Multimedia Communication Forum
MMCOI	Multimedia Communication Comments of Interest
MMCS	Multimedia Call Server (Telekommunikation/telecommunication)
MMD	Multimedia Domain (Telekommunikation/telecommunication)
MMDS	Microwave (or: Multichannel) Multipoint Distribution System (Telekommunikation/telecommunication)
MMDS	Mobile Molecular Datasheet
MMDS	Multimedia Distribution System (Telekommunikation/telecommunication)

MMG	Massive Multi-Player Online Games
MMI	Man Machine Interface
MMIC	Monolithic Microwave Integrated Circuit(ry)
$\mu$ -MIM	[Mikro-Metallpulver-Spritzgießen]
MMCOM	Mobile Millimeter Communications (IEEE Workshop)
MMN	Mismatch Negativity (Neurologie/neuroscience)
MMOD	Micro-Meteoroids Orbital Debris (Raumfahrt/spacecraft)
MMOG	Massively Multiplayer Online Games (Computerspiele/computer games)
MMoIP	Multimedia over IP (Telekommunikation/telecommunication)
MMPA	Marine Mammal Protection Act (USA)
MMPU	Molecular Medicine Partnership Unit (Universität Heidelberg)
MMRC	Multiple Myeloma Research Consortium (USA)
MMRP	Marine Mammal Research Program (bei/related to ATOC)
MMS	Manufacturing Message Standard
MMS	Mission Management System
MMS	Mobile Monitoring System (Telekommunikation/telecommunication)
MMS	Multimedia Messaging (or: Message) Service (Telekommunikation/telecommunication)
MMSC	Multimedia Messaging Service Center (Telekommunikation/telecommunication)
MMSE	Minimum Mean Square Error (or: Estimation)
MMSE	Multimedia Services Environment (Telekommunikation/telecommunication)
M-MSN	Multiple Maximum Signal-to-Noise Ratio
MMT	Megasite Management Toolsuite
MMT	Monolithic Mirror Telescope (University of Arizona, USA)
MMT	Multiple Mirror Telescope
MMU	Memory Management Unit
MMW	Millimeter-Wave (Telekommunikation/telecommunication)
MMZ	Mikro-Mechatronik Zentrum (Oberpfaffenhofen)
MMX	Multi Media Extensions
MN	Minnesota (US-Staat/US state)
MN	Mongolei/Mongolia (ISO 3166)
MNC	Mobile Network Code (Mobilfunk/mobile radio)
MNC	Multinational Corporations
MNO	Mobile Network Operator
MNPQ	Mess-, Normen-, Prüf- und Qualitätswesen
MNS	Managed Network Services (Telekommunikation/telecommunication)
MNT	Mononitrotoluol
MNU	Deutscher Verein zur Förderung des mathematischen und naturwissenschaftlichen Unterrichts
MO	Macao (ISO 3166)
MO	Missouri (US-Staat/US state)
MOA	Microlensing Observations in Astrophysics
MOA	Mixed-Order Ambisonics
MoBIC	Mobilität für Blinde durch die Interaktion mit einem Computer
MOBICOS	Mobile Aquatic Mesocosmos (Wasser-Ressourcen-Forschung)
MOC	Mars Orbiter Camera
MOC	Mission Operations Center
MOCVD	Metalorganic Chemical Vapor Deposition
MoD	Music on Demand (Telekommunikation/telecommunication)
MODFET	Modulation-Doped Field Effect Transistor, Modulations-dotierter Feldeffekt-Transistor
MODIS	Moderate (Resolution) Imaging Spectroradiometer (Satelliten-Erd-Fernerkundung/satellite remote reconnaissance)
MOE	Molecular Operating Environment
MOEL	Mittel- und Osteuropäische Länder
MOEMS	Micro-Opto-Electromechanical System (Telekommunikation/telecommunication)
MOEN	Meridional Overturning Exchange with the Nordic Seas
MOEZ	[Fraunhofer-] Zentrum für Mittel- und Osteuropa (Leipzig)
MOF	Metal-Organic Framework
MOF	Microstructured Optical Fibre
MOFA	Multispectral Optical Filter Assembly
MOG	Modified Gravity (theory)
MOKE	Magneto-Optical Kerr Effect, Magneto-optischer Kerr-Effekt (Festkörperphysik/solid state physics)
MOLA	Mars Orbiter Laser Altimeter
MOLI	Microsoft Online Learning Institute
MoM	Moment of Methods (analysis software)
MOMA	Mars Organic Molecule Analyzer
MoMA	Museum of Modern Arts (New York City)
MOMBE	Metallorganische Molekularstrahlepitaxie
MOMS	Modularer Optoelektronischer Multispektral-Scanner
MONA	Merging Optics and Nanotechnologies (EU project)
MOND	Modified (or: Modification of) Newtonian Dynamics, Modifizierte Newton'sche Dynamik
MONET	Mobile Network (Telekommunikation/telecommunication)
MOO	Multi-Objective Optimization
MOOC	Massive Open Online Course
MOPA	Master Oscillator Power Amplifier (Telekommunikation/telecommunication)
MOPITT	Measurement of Pollution in the Troposphere (Satelliten-Erd-Fernerkundung/satellite remote sensing)
MORABA	Mobile Raketenbasis (DLR, Oberpfaffenhofen, seit 1.1.1967)
MORDO	Multiobject Robust Design Optimisation
MORE	Maney Online Research E-Journal (digital archives)
MORE	Mobility for Young Researchers from Central and Eastern Europe
MOS	Mean Opinion Score (Telekommunikation/telecommunication)

MOS	Metal-Oxide Semiconductor
MOS	Monitor-Server
MOSA	Ministry of Science and the Arts (Israel)
MOSAIC	Model Driven Site Assessment, Information and Control
MoSAIC	Modular and Scalable Application Platform for ITS-Components (ITS: Intelligent Transportation System)
MOSE	Modulo Sperimentale Elettromeccanico (Hochwasserschutz/flood protection, Venedig, IT)
MOSFET	Metalloxid-Silicium-Feldeffekt-Transistor, Metal Oxide Field-Effect Transistor
MOSIS	MOS Implementation System
MOST	Media Oriented Systems Transfer (or: Transport)
MOST	Ministry of Science and Technology (China, Korea, Vietnam etc.)
MOT	Magneto-Optical Trap
MOT	Multimedia Object Transfer Protocol
MOTT	Multi-Funktionale On-Top Technologie
MOU	Memorandum of Understanding
MOV	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MOV	Modal Output Value (Telekommunikation/telecommunication)
MOVIC	International Conference on Motion and Vibration Control
MOVPE	Metalorganic Vapor Phase Epitaxy
MOWGLY	Mobile Wideband Global Link System (Telekommunikation/telecommunication)
MOX	Mixed-Oxide Fuel, Mischoxid (Kernreaktor/nuclear reactor)
MOZAIC	Measurements of Ozone and Water Vapor by Airbus In-Service Aircraft
MP	Marianen/Northern Mariana Islands (ISO 3166 and US Mail)
MP	Maximum Parsimony (Statistik/statistics)
MP	Message Passing
MP	Motion Picture
MPA	Marine Protected Area (Meeresfischerei/sea fishing)
MPA	Materialprüfungsamt (oder: -prüfanstalt)
MPA	Micro-Perforated Absorber
MPA	Multiport Amplifier (Architecture)
MPAe	Max-Planck-Institut für Aeronomie (Lindau/Harz)
m:Pal	Modular Process Automation Laboratory
MPC	Magnetic Photonic Crystal
MPC	Model Predictive Control(ler)
MPCA	Multicarrier Power Amplifier (Telekommunikation/telecommunication)
MPC&A	Material Protection, Control, and Accounting (US-Russian nuclear cooperation)
MpCCI	Mesh-Based Parallel Code Coupling Interface
MPCV-SM	Multi Purpose Crew Vehicle – Service Module
MPD	magnetoplasmadynamisch (-er Raketenantrieb)
MPDR	Multipoint Digital Radio (Telekommunikation/telecommunication)
MPE	Max-Planck-Institut für extraterrestrische Physik (Garching)
MPE	Maximum Permissible Exposure
MPE	Multi-Photon Excitation
MPE	Multiprotocol Encapsulation (Telekommunikation/telecommunication)
MPEG	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MPEG	Motion (or: Moving) Picture(s) Expert(s) Group (Bildcodierung/picture coding)
MPEG2-TS	Moving Pictures Experts Group – Transport Stream
MPF	Metadata Production Framework (for Video Media)
MPF	Modern Pit Facility
MPG	[Dateinamenerweiterung: Video-Datei/file name extension: video file]
MPG	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
MPG	Miles per Gallon (Kraftstoffverbrauch, etwa 5,75 l/100 km)
MPI	Magnetic Particle Imaging
MPI	Max-Planck-Institut
MPI	Message Passing Interface (Parallelrechner/parallel computer)
MPI	Multi-Photonen-Ionisation
MPIbpc	Max-Planck-Institut für biophysikalische Chemie (Göttingen)
MPIC	Max-Planck-Institut für Chemie (Mainz)
MPICBG	Max-Planck-Institute of Molecular Cell Biology and Genetics
MPIDS	Max-Planck-Institute for Dynamics and Self-Organization (Göttingen, DE)
MPIE	Max-Planck-Institut für Eisenforschung (Düsseldorf)
MPI-Eva	Max-Planck-Institut für evolutionäre Anthropologie (Leipzig)
MPIF	Max-Planck-Institut für Festkörperforschung (Stuttgart)
MPIfG	Max-Planck-Institut für Gesellschaftsforschung (Köln)
MPI(f)R	Max-Planck-Institut für Radioastronomie (Bonn)
MPIK	Max-Planck-Institut für Kernphysik (Heidelberg)
MPIPKS	Max-Planck-Institut für die Physik komplexer Systeme (Dresden)
MPIRE	Massively Parallel Interactive Rendering Environment
MPISD	Max-Planck-Institut für die Struktur und Dynamik der Materie (Hamburg)
MPIZ	Max-Planck-Institut für Züchtungsforschung (Köln)
MPL	Marine Physical Laboratory (Scripps Institution of Oceanography, San Diego, CA, USA)
MPL	Mars Polar Lander
MPL	Max-Planck-Institut für die Physik des Lichts (Erlangen)
MPL	Monophosphoryl-Lipid (Biomedizin)
MPLM	Multipurpose Pressurized Logistic Modules (Satelliten/satellites)
MPLP	Multi-Pulse Linear Prediction
MPLS	Multi-Protocol Label Switching (optische Telekommunikation/optical telecommunication)
MP $\lambda$ S	Multi-Protocol Lambda Switching (optische Telekommunikation/optical telecommunication)
MPM	Microstructured Photonic Material

MPM	Microwave Power Module
MPMP	Microwave Point to Multipoint (Telekommunikation/telecommunication)
MPMS	Magnetic Property Measurement System
MPO	Multi-Parameter Optimization
MPOA	Multi-Protocol over ATM (Rechnernetze/computer networks)
mPOF	Microstructured Polymer Optical Fibre
MPP	Massively Parallel Processing (Rechner/computer)
MPP	Maximum Power Point (Photovoltaik/photovoltaics)
MPP	Max-Planck-Institut für Physik (München)
MPP	Most Probable Path (Kfz-Fahrerassistenzsystem/vehicle driver assistance system)
MPP	Multi Purpose Plattform (Flugzeug mit Überwachungselektronik)
MPPC	Multi-Pixel Photon Counter
MPPP	Methylphenylpropionoxypiperidin (eine Designerdroge)
MPPT	Maximum Power-Point Tracking (Photovoltaik/photovoltaics)
MPQ	Max-Planck-Institut für Quantenoptik (Garching)
MPQF	MPEG Query Format
MPR	Multi-Path Routing (Telekommunikation/telecommunication)
MPRESS	[Mathematik-Literaturservice/mathematics literature service]
MPS	Mathematical and Physical Sciences
MPS	Max-Planck-Institut für Sonnensystemforschung (Katlenburg-Lindau)
MPS	Max Planck Society (= MPG in deutschen Texten)
MPS	Mission Planning System (Satelliten-Fernerkundung/satellite remote sensing)
MPS	Mononuclear Phagocyte System
MPSD	Max Planck Research Group (or: Department) for Structural Dynamics (Hamburg)
MPSR	Multi-Path Self Routing (Telekommunikation/telecommunication)
MPT	Mid-Pleistocene Transition (Klimageschichte/climate history)
MPT	Ministry of Post and Telecommunications (Japan)
MPT	Multi-Port Tubing (HPC)
MPTP	Methylphenyltetrahydropyridin (löst Parkinson-Krankheit aus)
MPU	Master Processing Unit (Telekommunikation/telecommunication)
MPV	Multi-Purpose Vehicle
MPWS	Multi-Protocol Wavelength Switching (Telekommunikation/telecommunication)
MP3	MPEG Layer 3 [Dateinamenerweiterung: Audio-Datei/file name extension: audio file]
MQ	Martinique (ISO 3166)
MQW	Multiple Quantum Well
MR	Magnetresonanz (-Tomographie)
MR	Mauretanien/Mauritania (ISO 3166)
MR	Measurement Report
MR	Mineralocorticoid-Rezeptor
MRA	Mutual Recognition Arrangement (Metrologie/metrology)
MRAM	Magnetic (or: Magnetoresistive) Random Access Memory
MRAO	Mullard Radio Astronomy Observatory (bei/near Cambridge, UK)
MRAV	Mixed Reality Audio-Visual (Telekommunikation/telecommunication)
MRB	Main Reference Burst
MRBM	Medium-Range Ballistic Missile
MRC	Medical Research Council (UK)
M.R.C.S.	Member(ship) of Royal College of Surgeons (UK)
MRCT	Mobile Radio Conformance Test
MRD	Mobile Radio Division (Telekommunikation/telecommunication)
MRE	Magnetic Resonance Elastography
MRE	magnetorheologisches Elastomer
MREFC	Major Research Equipment and Facilities Construction (NSF)
MRF	Magnetorheological Finishing (optische Linsen/optical lenses)
MRF	Magnetorheological Fluid
MRF	(Multi)Media Resource Function (Telekommunikation/telecommunication)
MRFM	Magnetic Resonance Force Microscope (or: Microscopy)
MRI	Magnetic Resonance Imaging
MRI	Magnetorotational Instability, Magnetorotationsinstabilität (Astronomie/astronomy)
MRM	Magnetresonanz-Mikroskopie
MRM	Mesh Reduction Method(s)
mRNA	Messenger RNA
MRO	Magdalena Ridge Observatory (New Mexico, USA)
MRO	Maintenance, Repair and Overhaul
MRP	Market Representation Partners (Telekommunikation/telecommunication)
MRP	Material(s) (or: Manufacturing) Resource Planning
MRS	Magnetic-Recoil Spectrometer
MRS	Major Resources Support (Canadian grant program)
MRS	Materials Research Society (USA)
MRS	Media Resource Service (SIPI)
MRSA	Methicillin-Resistant Staphylococcus aureus (Medizin/medicine)
MRSEC	Materials Research Science and Engineering Center (NSF, Arlington, VA, USA)
MRT	Magnetresonanz-Tomographie
MRT	Multi Role Transporter (der Luftwaffe/of the Air Force)
MS	Magnetic Field Surveying
MS	Mass Spectrometry (or: Spectrometer)
M.S.	Master of Science
M/S	Master/Slave
MS	Media Server (Telekommunikation/telecommunication)



MS	Member State
MS	Mississippi (US-Staat/US state)
MS	Mobile Station (Telekommunikation/telecommunication)
MS	Montserrat (ISO 3166)
MS	Multiple Sklerose/Multiple Sklerosis
MSA	Microscopy Society of America
MSA	Multisource Agreement (optische Telekommunikation/optical telecommunication)
MSAM	Multi-Service Access Multiplexer (Telekommunikation/telecommunication)
MSAN	Multi-Service Access Node (Telekommunikation/telecommunication)
MSAS	Multi-Function Transport Satellite-Based Augmentation System (Satellitennavigation/satellite navigation, Japan)
MSBB	Multi-Standard Baseband (Telekommunikation/telecommunication)
MSC	Maritime Safety Committee
M.Sc.	Master of Science
MSC	Mesenchymale Stammzellen
MSC	Message Sequence Chart (Telekommunikation/telecommunication)
MSC	Mobile (Services) Switching Centre (Telekommunikation/telecommunication)
MSD	Mass Selective Detector
MSD	Mean Square Displacement
MSD	Minimum Set of Data (Kfz-Notrufsystem)
MS-DOS	Microsoft Disk Operating System
MSE	Mission Success Evaluation
MSE	Mean Square Error
MSE	mittlere Schmerzempfindlichkeit
MSE	Mobilstations-Emulator (Telekommunikation/telecommunication)
MSEC	Materials Science, Engineering, and Commercialization (Texas State University Program, USA)
MSF	Mid-Spatial Frequency
MSF	Multi Stage Flash Exploration (Meerwasserentsalzung/method for seawater desalting)
MSFC	Marshall Space Flight Center (NASA, Huntsville, AL, USA)
MSG	Meteosat Second Generation (seit/since 2003)
MSG	Microgravity Science Glovebox (ISS)
MSGC	Micro-Strip Gas Detector
MSI	Master in Scientific Instrumentation
MSI	Medium Scale Integration
MSISDN	Mobile Station ISDN Number
MSK	Minimum (or: Maximum) Shift Keying (Datenübertragung/data transmission)
MSL	Mars Science Laboratory
MSL	Materials Science Laboratory (at ISS)
MSM	Magnetic Shape Memory (actuator)
MSM	Metal-Semiconductor-Metal (Photodetektoren/photodetectors)
MSN	Microsoft Network (Datennetz/data network)
MSN	Moscow Society of Naturalists
MSN	Multi-Service Node (Telekommunikation/telecommunication)
MSO	Mixed-Signal Oscilloscope
MSO	Multi-Service Operator (Telekommunikation/telecommunication)
MSO	Multiple Systems Operators (Telekommunikation/telecommunication)
MSOE	Milwaukee School of Engineering (WI, USA)
MSOP	Mini Small Outline Package (SMD-Gehäuse/casing)
MSOT	Multispectral Optoacoustic Tomography
MSP	Male Shopping Pattern
MSP	Mobile Service Provider (Telekommunikation/telecommunication)
MSP	Multiplex Section Protection
MSPP	Multi-Service Provisioning Platform (Telekommunikation/telecommunication)
MSR	Mobile Station Receiver Diversity (Telekommunikation/telecommunication)
MSR	Molten-Salt Reactor
$\mu$ SR	Muon Spin Rotation
MSRA	Multistandard Radio Analyzer (Telekommunikation/telecommunication)
MSRC	Microsoft Research in Cambridge (UK)
MSRI	Mathematical Science(s) Research Institute (Berkeley, CA, USA)
MSRT	Multi Standard Real-Time (Telekommunikation/telecommunication)
MSS	MAN Switching System
MSS	Managed Security Services (Datensicherheit/data security)
MSS	Mass Storage System
MSS	Mobile Satellite System (Telekommunikation/telecommunication)
MSSM	Minimal Supersymmetric Standard Model (Elementarteilchen/elementary particles)
MS-SP	Multiple Section – Section Protection (Telekommunikation/telecommunication)
MS-SPRING	Multiple(xer) Section Shared Protection Ring (Telekommunikation/telecommunication)
MSSU	Missouri Southern State University (USA)
MST	Mikrosystemtechnik
MST	Minimal Spanning Tree (Signalanalyse/signal analysis)
MST	Multiple Spanning Tree (Telekommunikation/telecommunication)
MSTP	Multiple Spanning Tree Protocol (Telekommunikation/telecommunication)
MSTP	Multi-Service Transmission Platform (Telekommunikation/telecommunication)
MSTV	Maximum Service Television
MSU	Michigan State University (USA)
MSU	Mississippi State University (USA)
MSU	Montana State University (USA)
MSU	Moscow State University
MSV	Modularized Start Version (FAIR)

MSW	Media Switch
MSY	Maximal Sustained Yield (Ökonomie/economy)
MT	Malta (ISO 3166)
MT	Montana (US-Staat/US state)
MTA	Magyar Tudományos Akadémia (Ungarische Akademie der Wissenschaften/Hungarian Academy of Sciences)
MTA	Materials Testing Accelerator
MTA	Medizinisch-technische(r) Assistent(in)
MTA	Multi-Threaded Computing (Parallelrechner/parallel computer)
mTAN	mobile Transaktionsnummer
MTAR	Multidisciplinary Trends in Academic Research (Conference series)
MTB	Motion-Tracked Binaural (sound recording)
Mtb	Mycobacterium tuberculosis (Tbc-Erreger)
MTBE	Mean Time Between Error Events
MTBF	Mean Time Before Failure (or: Between Failures)
MTBR	Mean Time Before Resynchronization
MTBSE	Mean Time Between Service Events
μTC	Mikrotribologie Centrum (Karlsruhe)
MTCO	Minimum Total Cost of Ownership
MTCR	Missile Technology Control Regime
MTD	Mounted (optische Linsen/optical lenses)
mtDNA	mitochondriale DNA
MTF	Modulation Transfer Function
MTFF	Man-Tended Free-Flyer (Raumfahrt/spacecraft)
MTG	Marine-Technik-Gesellschaft (Hamburg)
MTG	Mikroelektronik- und Technologiegesellschaft (Ostdeutschland)
MTHEL	Mobile Testbed High-Energy Laser (US Army)
MTJ	Magnetic Tunnel Junction
MTM	Mechanical Test Model
MTMOS	Methyl-Trimethoxysilane
MTN	Mountain (US Mail)
MTN	Multilateral Trade Negotiations
MTO	Mars Telecom Orbiter
mTOR	Mammal (or: Mechanistic) Target of Rapamycin (a protein)
MTP	Message Transfer Part
MTS	Methods for Testing and Specification (TC im/in the ETSI)
MTSat	Multifunctional Transport Satellite
MTSU	Middle Tennessee State University (USA)
MTTF	Mean Time to Failure
MTTR	Mean Time to Repair (or: Restore)
MTU	Multi-Tenant Unit
MTV	Music Television Video
MU	Mauritius (ISO 3166)
MUD	Multi User Dungeon (or: Dimension, or: Dialog, or: Detection) (Rechnernetz-Spiele/computer-net games)
MUFA	Mono Unsaturated Fatty Acids (einfach ungesättigte Fettsäuren)
MuK	Medien- und Kommunikationswissenschaft
MULTOPS	Multi-Level Tree for Online Packet Statistics (Telekommunikation/telecommunication)
MU-MIMO	Multi-User MIMO
MUNIN	Maritime Unmanned Navigation through Intelligence and Networks (EU project, since Sep. 2012)
MuPAD	Multi-Processing Algebra Data (Tool)
MUPUS	Multi-Purpose Sensors for Surface and Sub-Surface Science (Rosetta project)
MURA	Midwestern Universities Research Association (USA)
MURI	Multidisciplinary University Research Initiative
MURR	Missouri-Columbia's University Research Reactor
MUSC	Microgravity User Support Center (DLR, Köln-Porz, DE)
MUSE	Multi Unit Spectroscopic Explorer
MUSE	Multiple Sub-Nyquist-Sampling Encoding
MUSE	Myon Proton Scattering Experiment
MUSES	Multi-User Systems for Earth Sensing (DLR, ISS)
MUSIC	Multiple Signal Classification
MUSIC	Self-Adapting Applications for Mobile Users in Ubiquitous Computing Environmentals
MUSICAM	Masking Pattern Adapted Universal Subband Integrated Coding and Multiplexing (Digitalrundfunk/digital broadcast)
MUT	Micromachined Ultrasonic Transducer
MV	Malediven/Maldives (ISO 3166)
MV	Mecklenburg-Vorpommern (Bundesland/German Federal State)
MVA	Market Value Added
MVA	Müllverbrennungsanlage
MVA	Multivariate Data Analysis
MVB	Multi-Vehicle Bus (Eisenbahntechnik/railway technology)
MVC	Model-View-Controller
MVD	Minimum Vector Dispersion (Bildverarbeitung/picture processing)
MVDR	Minimum Variance Distortionless Response (Signalverarbeitung/signal processing)
MVIP	Multi-Vendor Integration Protocol (Telekommunikation/telecommunication)
MVL	Minenvernichtungsladung
MVNO	Mobile Virtual Network Operator(s) (Telekommunikation/telecommunication)
MVST	Multilayer Vertically Stacked Capacitors
MVTS	Multivariable Technological Systems (IFAC Symposium)
MW	Malawi (ISO 3166)
MWA	Mileura Widefield Array (Astrophysik/astrophysics, Antennen/antennae)

MWBD	Marine Wildlife Behavior Database
MWIF	Mobile Wireless Internet Forum (Telekommunikation/telecommunication)
MWK	Ministerium für Wissenschaft und Kunst
MWLI	Multiwavelength Interferometer
MWN	Münchner Wissenschaftsnetz
MWNT	Multi Wall(ed) Nanotubes
MWP	Mountain Wave Project
MWR	Microwave Radiometer (ENVISAT)
MWR	Mikrowellen-Radio
MX	Mexiko/Mexico (ISO 3166)
MXCD	magnetischer Röntgenzirkulardichroismus
MXF	Material Exchange Format
Mx-MAC	Multi-Standard Medium Access Control (Telekommunikation/telecommunication)
MXPA	Multicore Cross-Platform Architecture (computer design)
MY	Malaysia (ISO 3166)
Mya	Million years ago
MYI	Multilayer Ice (in the Arctic Sea)
Myr	Megayears ( $10^6$ years)
M-Z	Mach-Zehnder (Interferometer, Modulator)
MZ	Moçambique/Mozambique (ISO 3166)
MZI	Mach-Zehnder-Interferometer
M2E	Mouth-to-Ear (Telekommunikation/telecommunication)
M2M	Machine-to-Machine
M2M	Mohole to the Mantle (ocean drilling project)
M <sup>2</sup> OLIE	Mannheim Molecular Intervention Environment (Krebsforschung/cancer research)
M <sup>3</sup> D	Maskless Mesoscale Material Deposition
M3R	Marine Mammal Monitoring (Meeresbiologie/marine biology)

## N

n...	Nano... (Präfix/prefix): $10^{-9}$
NA	Namibia (ISO 3166)
NA	Network Aspects (TC im/in the ETSI)
NA	Normenausschuss
NA	numerische Apertur (Optik)
NAAL	Network of Alabama Academic Libraries
NAASC	North American ALMA Science Center (Charlottesville, VA, USA)
NAB	National Association of Broadcasters (of America)
NABU	Naturschutzbund Deutschland
NAC	Noise Abatement Criteria (FHWA)
NACA	National Advisory Committee for Aeronautics (USA)
NACCH	Network Access and Connectivity Channel (Datenübertragung/data transmission)
NACCB	National Accreditation Council for Certification Bodies (UK)
NACF	Network Access Configuration Function (Telekommunikation/telecommunication)
NACK	No Acknowledgement (or: Not Acknowledged) (Telekommunikation/telecommunication)
NACLIM	North Atlantic Climate
NACP	National Aids Coordination Program (Simbabwe)
NACRE	New Aircraft Concepts Research
NAD	Network Access Domain (Telekommunikation/telecommunication)
NAD	Network Application Division (Telekommunikation/telecommunication)
NAD	Nicotinamid-adenin-dinucleotid
NAD	North Atlantic Drift (Golfstrom/Gulf Stream)
NAE	National Academy of Engineering (USA)
NAECON	National Aerospace and Electronics Conference (USA)
NAFTA	North American Free Trade Area
NAG	Numerical Algorithms Group (UK)
NAGINELS	Non-Aggressive Glass Internal Engraving System
NAH	Nearfield Acoustic Holography
NAHSC	National Automated Highway System Consortium (San Diego, CA, USA)
NAIAS	North American International Auto Show
NAIS	Nationally Adopted International Standards
NAL	Network Abstraction Layer (Telekommunikation/telecommunication)
NALS	Normenausschuss Akustik, Lärminderung und Schwingungstechnik
NAM	Nominally Anhydrous Mineral (Geologie/geology)
NAM	Non-Absorbing Mirror (laser technology)
NAMAS	National Measurement Accreditation Service (UK)
NAMC	[Laboratoire de] Neurobiologie de l'Apprentissage de la Mémoire et de la Communication (Neurobiology of Learning, Memory and Communication) (CNRS, Univ. Paris-Sud, FR)
NAMD	Nanoscale Molecular Dynamics Program
NAMEM	National Agency of Meteorology and Environmental Monitoring (Ulanbator, Mongolia)
NAMUR	Normenausschuss Mess- und Regeltechnik
NAND	Neurotechnologies for Analysis and of Neural Dynamics (course at Princeton University, USA)
NANGOGrav	Nanohertz Gravitational Wave Observatory (at WVU et al.)
NANOTHER	Integration of Novel Nanoparticle Based Technology for Therapeutics and Diagnosis of Different Types of Cancer (EU project)
NANSC	National Air Navigation Service Company (Cairo Airport, Egypt)
NAO	Nordatlantische Oszillation (Meteorologie/meteorology)
NAOC	National Astronomical Observatory, Chinese Academy of Science

NAOJ	National Astronomical Observatory of Japan
NAOS	Nasmyth Adaptive Optics System (für/for ESO-VLT)
NAP	Network Access Point (Internet)
NA-PAC	North American Particle Accelerator Conference
NAPLEX	North American Pharmacists Licensure Exam
NAPLS	North American Prodrome Longitudinal Study
NAPT	Network Address and Port Translator (Telekommunikation/telecommunication)
NARA	United States National Archives and Records Administration (College Park, MD, USA)
NARDI	National Agricultural Research and Development Institute (Funduela, RO)
NARIC	National Academic Recognition Information Centre (EU)
NARMAX	Nonlinear Autoregressive Moving Average with Exogeneous Input
NARPA	National Advanced Research Projects Agency
NARTB	National Association of Radio and Television Broadcasters (USA)
NAS	NASA Advanced Supercomputing (division)
NAS	National Academy of Sciences (USA)
NAS	Network Access Server (Telekommunikation/telecommunication)
NAS	Network Attached Storage
NAS	Noise Abatement Society
NAS	Non Access Stratum (Telekommunikation/telecommunication)
NAS	[Scandinavian Acoustical Society]
NASA	National Aeronautics and Space Agency (or: Administration) (USA)
NASBR	North American Society for Bat Research
NASDA	National Aeronautics and Space Development Agency (Japan)
NASM	National Air and Space Museum (Washington, DC, USA)
NASP	National Aerospace Plane
NASS	Network Access Subsystem (Telekommunikation/telecommunication)
NA/STAG	Network Aspects/Security Techniques Advisory Group (TC im/in the ETSI)
NASTAR	National Aerospace Training and Research (Center in Pennsylvania, USA)
NAT	National Accreditation Board (HU)
NAT	Network Address Translation (Telekommunikation/telecommunication)
NAT	Nitric Acid Trihydrate (HNO <sub>3</sub> ·3(H <sub>2</sub> O))
NATLAS	National Testing Laboratory Accreditation Service (UK)
NATO	North-Atlantic Treaty Organization
NAU	Northern Arizona University
NAV	Navigation
NAVA	Neurally Adjusted Ventilatory Assist (künstliche Beatmung/artificial respiration)
NAVSTAR	Navigational Satellite Timing and Ranging (GPS-System, seit 17. Juli 1995)
NAWDEX	North Atlantic Waveguide and Downstream Impact Experiment (DLR)
NB	Narrowband
NB	New Brunswick (Province of Canada)
NB	Normal Burst (Telekommunikation/telecommunication)
NBAP	Node B Application Part (Telekommunikation/telecommunication)
NBAP-d	Node B Application Part Dedicated (Telekommunikation/telecommunication)
NBBL	Nachwuchs-Basketballbundesliga
NBI	National Bureau of Investigation (SF)
NBI	Neutral-Beam Injection (Fusionsreaktortechnik/fusion reactor technology)
NBIC	Nanotechnologies, Biotechnologies, Information and Communication Technologies
NBIFL	National Bureau of Investigation Forensic Laboratory (SF)
NBL	Niels Bohr Library
NBMA	Non-Broadcast Multiple Access
NB-RAS	Narrowband Remote Access Server (Telekommunikation/telecommunication)
NBRF	National Biomedical Research Foundation (USA)
NBS	National Blood Service (UK)
NBS	National Bureau of Standards (USA), now: NIST
NC	Network Computer
NC	Neukaledonien/New Caledonia (ISO 3166)
NC	Noise Criteria
NC	Non-Copyright Compliant (Telekommunikation/telecommunication)
NC	North Carolina (US-Staat/US state)
NC	Numeric Control
NCA	Netherlands Centre on Animal Use
NCAC	National Council of Acoustical Consultants (USA)
nc-AFM	Non-Contact Atomic Force Microscopy
NCALM	National Center for Airborne Laser Mapping (NSF, USA)
NCAP	New Car Assessment Program (EU-Norm, Kfz/EU standard for cars)
NCAR	National Center for Atmospheric Research (Boulder, CO, USA)
NCAS	National Centre for Atmospheric Science (UK)
Ncats	National Center for Advancing Translational Sciences (NIH, Bethesda, MD, USA)
NCB	Balanced Noise Criteria
NCC	National Computing Centre (UK)
NCC	Network Color Code (Telekommunikation/telecommunication)
NCC	Network Control Centre (Datennetz/data network)
NCCR	National Centre of Competence in Research
NCCU	North Carolina Central University (Durham, NC, USA)
NCDC	National Climatic Data Center (USA)
NCDS	National Consortium for Data Science (USA)
NCEJ	Noise Control Engineering Journal
NCEP	National Center for Environmental Prediction (weather forecast)

NCES	National Center for Education Statistics (USA)
NCHRP	National Cooperative Highway Research Program (USA)
NCI	National Cancer Institute (Bethesda, MD, USA)
NCI	National Computing Infrastructure (Australian National University in Canberra)
NCI	Non-Coded Information
NCICB	National Cancer Institute Center for Bioinformatics (Bethesda, MD, USA)
NCKU	National Cheng Kung University (Tainan, Taiwan, ROC)
NCL	Nidopallium Caudolaterale (im Vogelgehirn/in birds' brain)
NCLB	No Child Left Behind Act (USA)
NCLDV	Nucleocytoplasmic Large DNA Virus
NCLR	Netherlands Centrum voor Laser Research
NCMH	National Centre for Mental Health (Wales, UK)
NCMN	Nebraska Center for Materials and Nanoscience (USA)
NCNR	NIST Center for Neutron Research (Gaithersburg, MD, USA)
NCO	Numerically Controlled Oscillator (Telekommunikation/telecommunication)
NCP	National Contact Point (ESPRIT)
NCPA	National Center for Physical Acoustics (University of Mississippi, USA)
ncRNA	Non-Coding RNA
NCRC	National Canada Research Council
NCRC	National Consumer Research Centre (Finland)
NCRIS	National Collaborative Research Infrastructure Strategy (Australia)
NCRP	National Council on Radiation Protection and Measurements (USA)
NCRR	National Center for Research Resources (NIH, USA)
NCS	Natural Color System
NCS	Network Control System (Datennetz/data network)
NCS	Non-Crystallographic Symmetry (Festkörperphysik/solid state physics)
NCSA	National Center for (or: of) Supercomputing Applications (University of Illinois at Urbana-Champaign, USA)
NCSA	National Sound and Communications Association (USA)
NCSE	National Center for Science Education (USA)
NCSU	North Carolina State University
NCSX	National Compact Stellarator Experiment (Fusionsreaktorprojekt, USA, aufgegeben/US fusion reactor project, abandoned 2008)
NCT	Nationales Centrum für Tumorerkrankungen (Heidelberg)
NCTU	National Chiao Tung University (Taiwan)
NCU	National Central University (Jhongli City, Taiwan)
ND	North Dakota (US-Staat/US state)
NDA	New Drug Application
NDAA	National Defense Authorization Act (USA)
NDBC	National Data Buoy Center (USA)
NDC	Normalized Device Coordinates
NDDO	New Drug Development Office (Amsterdam, NL, EORTC)
NDE	Non-Destructive Evaluation
NDGF	Nordic Data Grid Facility (DK, FI, NO, SE Allianz/alliance)
NDI	Naphthalindiimid (Schadstoffdetektor)
NDI	Nondestructive Inspection
NDIA	National Defense Industrial Association (USA)
NDMA	Network Diversity Multiple Access (Telekommunikation/telecommunication)
NDNAD	National DNA Database (UK)
NDR	Norddeutscher Rundfunk
NDR	Next Data Rate (Datenübertragung/data transmission)
NDRC	National Defense Research Committee (USA)
NDS	Netware Directory Services (Telekommunikation/telecommunication)
NDS	Nuclear Detection System (USA)
NDSC	Network for Detection of Atmospheric Change
NDSU	North Dakota State University (USA)
NDT	Nondestructive Testing
NDVI	Normalized Difference Vegetation Index, Normierter differenzierter Vegetationsindex
n.d.Z.	nach der Zeitenwende (= nach Christus/after Christ)
NE	Nebraska (US-Staat/US state)
NE	Network Element (or: Equipment) (Internet)
NE	Niger (ISO 3166)
NEA	Near Earth Asteroid
NEA	Nuclear Energy Agency
NEACP	National Emergency Airborne Command Post
NEAR	Near Earth Asteroid Rendezvous
NEASR	Near-Earth Asteroid Sample Return (Satelliten/satellites)
NEBS	Network Equipment Building System (Telekommunikation/telecommunication)
NECSA	Nuclear Energy Corporation of South Africa
NeCTAR	National e-Research Collaboration Tools and Resources (AU)
NED	Nanoemissive Display (Flachbildschirm/flat screen)
NED	NASA Extragalactical Database
NED	Non-Exponentially Degraded (protein)
NEDLIB	Networked European Deposit Library
NEDO	New Energy and Industrial Technology Development Organization (Japan)
NEEM	North Greenland Eemian Ice Drilling Project
Nef	Negative Factor (Protein)
NEF	Noise Exposure Forecast
NEFZ	Neuer Europäischer Fahrzyklus (Kfz-Test/car standard test)

NEHERC	New England Higher Education Recruitment Consortium (USA)
NEHI	Nanotechnology Environmental and Health Implications (USA)
NEI	Neural-Electrical Interface (Gehirn-Implantat/brain implant)
NEI	Niedrig-Energie-Institut
NEI	Nuclear Energy Institute
NEIU	Northeastern Illinois University (USA)
NEJM	New England Journal of Medicine
NEL	National Engineering Laboratory (UK)
NEL	Network Element Layer (Telekommunikation/telecommunication)
NELAP	National Environmental Laboratory Accreditation Program
NELE	Near-End Listening Enhancement (Telekommunikation/telecommunication)
NELHA	Natural Energy Lab of Hawaii Authority
NELS	North European LORAN-C System
NELTA	Netzwerk Elektrische Leichtbau-Traktionsantriebe (LBF)
NEM	Network Element Manager (Telekommunikation/telecommunication)
NEMA	National Electrical Manufacturers' Association
NEMO	Nano-Based Capsule-Endoscopy with Molecular Imaging and Optical Biopsy (Medizintechnik/medicine technology)
NeMo	Network and Money (or: Modem) (Telekommunikation/telecommunication)
NEMO	Nucleus for European Modelling of the Ocean
NEMS	Nano-Electro-Mechanical System
NEEnA	Nano-Entrepreneurship Academy
NEO	Near-Earth Object (or: Orbit)
NEOCam	Near-Earth Object Camera
NEODyS	Near-Earth Objects Dynamic Site (astronomy)
NEOMA	Near Earth Objects Mission Advisory Panel (USA)
NEOShield	(Asteroidenabwehr)
NEPA	National Environmental Policy Act (USA)
NEPAD	New Partnership for Africa's Development
NepJOL	Nepal Journals Online
NERC	National Environment Information Centre (UK)
NERC	North American Electric Reliability Corporation
NERSC	National Energy Research Scientific Computing [Center] (Lawrence Berkeley National Laboratory, CA, USA)
NeSC	National e-Science Centre (UK)
NESS	Nonequilibrium Steady State
NEST	New and Emerging Science and Technology (EU, FP6)
NEST	Nuclear Energy Search (or: Support) Team (USA, seit/since 1974)
net	[Network Organization] (Internet, USA)
NET	New Energy Technology (Solartechnik/solar technology)
NETL	National Energy Technology Laboratory (USA)
NEURONANO	Towards New Generations of Neuro-Implantable Devices: Engineering Neurons/Carbon Nanotubes Integrated Functional Units (EU project)
NEW	National Engineers Week
NEWS	Development of a Next Generation European Inland Waterway Ship and Logistics System
NEWS	Nonlinear Elastic Wave Spectroscopy
NEX	Narita Express (Zug zwischen Flughafen und Tokio/train between airport and Tokyo, JP)
NExScI	NASA Exoplanet Science Institute (USA)
NEXT	Near-End Crosstalk
NEXUS	Network of Excellence on Multifunctional Microsystems
NF	New Foundland (Province of Canada)
NF	Noise Factor
NF	Norfolkinsel/Norfolk Island (ISO 3166)
NFA	National Fire Agency (z.B./e.g. Taiwan)
NFC	Near Field Communication (Smart Card)
NFCF	Nanoscale Fabrication and Characterization Facility (University of Pittsburgh, PA, USA)
NFD	Natural Frequency Deviation
NfD	Nur für den Dienstgebrauch (Geheimhaltung/secretcy)
NFF	Niedersächsisches Forschungszentrum Fahrzeugtechnik (Braunschweig)
NFH	Near-Field Holography
NFIB	National Federation of Independent Business (USA)
NFL	National Football League (USA)
NFL	Niedersächsisches Forschungszentrum für Luftfahrt (Braunschweig)
NFO	New-Forest Observatory (kleines Teleskop in einem Wald in Südengland/a small telescope in Southern England)
NFODD	Near-Field Optical Disk Drive (Datenspeicher/data storage)
NFOEC	National Fiber Optic Engineers Conference
NFP	Nationales Forschungsprogramm (Schweiz)
NFS	Nationale Forschungsschwerpunkte (Schweiz)
NFS	Network File System
NFS	Neuartige Fahrzeugstrukturen
NG	New (or: Next) Generation
NG	Nigeria (ISO 3166)
NGC	New General Catalogue (Astronomie/astronomy)
NGC	Next Generation Car
NGDLC	Next Generation Digital Loop Carrier (Kommunikation/communication)
NGF	Nerve Growth Factor
NGI	National Grid Initiative
ngHLR	Next Generation Home Location Register
NGL	Next Generation Lithography
NGLS	Next Generation Light Source

NGMN	Next Generation Mobile Networks (Telekommunikation/telecommunication)
NGN	Next Generation Network (Telekommunikation/telecommunication)
NGNP	Next Generation Nuclear Plant (USA, geplant für etwa 2020/planned for around 2020)
NGO	New Gravitational-Wave Observatory
NGO	Non-Government Organization
NGOSS	New Generation Operations Systems and Software
NGOSS	Next Generation Operations Support Systems
NGRIP	North Greenland Ice Core Project
NGS	National Grid Service (UK)
NGS	Next-Generation Sequence (or: Sequencing) (analysis)
NGSO	Non-Geostationary Satellite Orbit
NGST	Next Generation Space Telescope (Nachfolger des Hubble-Teleskops, geplant/planned successor of the Hubble Space Telescope)
NGT	Next Generation Train (DLR-Projekt, 2007–2013)
NG-TURB	Next Generation Turbine (for aircraft)
NH	New Hampshire (US-Staat/US state)
NHANES	National Health and Nutrition Examination Survey (USA)
NHCA	National Hearing Conservation Association (USA)
NHETC	New High Energy Theory Center (Rutgers University, Piscataway, NJ, USA)
NHI	National Heart Institute (USA)
NHI	National Highway Institute (USA)
NHK	Nippon hoso kyokai (Japan Broadcasting Corporation)
NHL	Non-Hodkin-Lymphom
NHLI	National Heart and Lung Institute (USA)
NHM	Natural History Museum (London)
NHMFL	National High Magnetic Field Laboratory (Tallahassee, FL; Los Alamos, NM, USA)
NHN	nachhaltige Holznutzung
NHS	National Health Service (UK)
NHS	Newborne Hearing Screening
NHS	Nurses Health Study (USA)
NHTSA	National Highway Traffic Safety Administration (USA)
NI	Network Infrastructure (Telekommunikation/telecommunication)
NI	Network Intelligence (Telekommunikation/telecommunication)
NI	Network Interface (Telekommunikation/telecommunication)
NI	Nicaragua (ISO 3166)
NI	Niedersachsen (Bundesland/German Federal State)
NI	Northern Ireland
NIA	National Information Agency (South Korea)
NIAID	National Institute of Allergy and Infectious Diseases (USA)
NIAME	Necessary Information About a Microarray Experiment
NIAMS	National Institute of Arthritis and Musculoskeletal and Skin Diseases
NIAS	Netherlands Institute for Advanced Study in the Humanities and Social Sciences
NIB	Non-Interference Basis (Telekommunikation/telecommunication)
NIBHI	Northwest Institute for Biohealth Informatics (Manchester, UK)
NIBIB	National Institute of Biomedical Imaging and Bioengineering
NIC	National Ignition Campaign (USA)
NIC	Network Information Center
NIC	Network Interface Card (or: Chip)
NIC	John von Neumann Institute for Computing (Jülich, DE)
NICA	Nuclotron-Based Ion Collider (JINR, RU)
NICER	Neutron Star Interior Composition Explorer
NICETRIP	Novel Innovative Competitive Effective Tilt Rotor Integrated Project (EU)
NICHD	National Institute of Child Health and Human Development (Bethesda, MD, USA)
NICHES	New and Innovative Concepts for Helping European Transport Sustainability (EU Projekt/project)
NICMOS	Near Infrared Camera and Multi-Object Spectrometer (Astrophysik/astrophysics)
NICO	Northwestern Institute on Complex Systems (Northwestern University, USA)
NICPB	National Institute of Chemical Physics and Biophysics (Tallinn, Estonia)
NICS	National Institute for Computational Sciences (University of Tennessee, USA)
NICS	Nucleus Independent Chemical Shift
NICT	National Institute of Information and Communications Technology (Japan)
NICTA	National Information and Communication Technology Center Australia
NICU	Neonatal Intensive Care Unit
NID	Network Integration Division (Telekommunikation/telecommunication)
NID	Network Interface Device (Telekommunikation/telecommunication)
NIDA	National Institute on Drug Abuse (Rockville, MD, USA)
NIDCD	National Institute on Deafness and Other Communication Disorders (Bethesda, MD, USA)
NIEHS	National Institute of Environmental Health Sciences (USA)
NIF	National Ignition Facility (Lawrence Livermore National Laboratories, CA, USA)
NIFFTE	Neutron Induced Fission Fragment Tracking Experiment
NIFS	National Institute for Fusion Science (Toki City, Japan)
NIH	National Institute of Health (USA)
NIHL	Noise-Induced Hearing Loss
NIHR	National Institute for Health Research (London, UK)
NIL	Nanoimprint Lithography
NILEG	Niedersächsische Landesentwicklungsgesellschaft
NILU	Norwegisches Institut für Luftuntersuchungen
NIM	Nanosystems Initiative Munich (DE)
NIM	Negative Index Material (negativer optischer Brechungsindex/negative optical diffraction index)

NIMA	National Imagery and Mapping Agency (USA)
NIME	Network Information Management Entities (Telekommunikation/telecommunication)
NIMET	Nanoscience Institute for Medical and Engineering Technologies (University of Florida, USA)
NIMH	National Institute of Mental Health (Bethesda, MD, USA)
NiMH	Nickel-Metal Hydride (Akku/accumulator)
NIMS	National Institute for Materials Science (Tsukuba, Japan)
NIMS	Near-Infrared Mapping Spectrometer (Galileo)
NIN	Normal Metal-Insulator-Normal Metal (Nanostructure)
NINE	National Institute for Nano-Engineering (Sandia National Laboratories, New Mexico, USA)
NINJA	Numerical Injection Analysis (astrophysics)
NINP	National Institute of Nuclear Physics (IT)
NINT	Northwest Institute of Nuclear Technology (China)
NIOSH	National Institute for Occupational Safety and Health (USA)
NIPA	N-Isopropylacrylamide (hydrogel)
NIR	Near-Infrared
NIRIM	National Institute for Research in Inorganic Materials (Japan)
NIRS	Near Infrared Spectroscopy, Nahinfrarotspektroskopie
NIRV	Nederlands Instituut voor Ruimtevaart
NIS	New Independent States (frühere Sowjetunion/former Soviet Union)
NIS	Normal Metal – Insulator – Superconductor (Nanostructure)
NISAC	National Infrastructure Simulation and Analysis Center (USA, seit/since 1999)
NISCAIR	National Institute of Science Communication and Information Resources (India)
NISE	Nanoscale Informal Science Education (Network; NSF, USA, seit/since 2005)
NISM	Noninvasive Stability Margin (measurement for electronic equipment)
NISO	National Information Standards Organization (USA)
NIST	National Institute of Standards and Technology (USA, vormals/formerly NBS)
N-ISUP	Narrowband ISDN User Part (Telekommunikation/telecommunication)
NIT	National Institute of Technology (India)
NIT	Network Information Table
NITheP	National Institute of Theoretical Physics (South Africa)
Nitinol	Nickel-Titanium [intermetallic compound developed by the] Naval Ordnance Laboratory (1963)
NITS	Noise-Induced Threshold Shift
NIZEMI	Niedergeschwindigkeitszentrifugenmikroskop
NJ	New Jersey (US-Staat/US state)
NJIT	New Jersey Institute of Technology
NJP	New Journal of Physics
NK	Nationalkomitee für Kristallographie
N.K.V.M.	Neue Künstlervereinigung München (1909, Expressionisten)
NKWD	[Narodny Kommissariat Wnutrennich Del] (sowjetischer Geheimdienst/Soviet Secret Service)
NL	Niederlande/Netherlands (ISO 3166)
NL	Nonlinear
NLBV	Niedersächsisches Landesamt für Bezüge und Versorgung
NLC	National Laser Center (South Africa)
NLC	Next Linear Collider
NLCTA	Next Linear Collider Test Accelerator
NLE	Non-Linear Effect
NLES	Navigation Land Earth Stations (GPS)
NLFB-GGA	Niedersächsisches Landesamt für Bodenforschung – Geowissenschaftliche Gemeinschaftsaufgaben (Hannover)
NLM	National Library of Medicine (UK and USA)
NLM	Nearest-Loudspeaker Mapping
NLOS	None Line of Sight (Telekommunikation/telecommunication)
NLP	Natural Language Processing
NLR	Nationaal Lucht- en Ruimtevaartlaboratorium, Niederländisches Luft- und Raumfahrtlaboratorium
NLR	Noise Level Reduction
NLRB	National Labor Relations Board (USA)
NLRC	NASA Langley Research Center (Hampton, VA, USA)
NLS	New Light Source (UK)
NLS	Nonlinear Least Squares (Parameterschätzung/parameter estimation)
NLU	Natural Language Understanding (Sprachverarbeitung/speech processing)
NLWKN	Niedersächsischer Landesbetrieb für Wasserwirtschaft, Küsten- und Naturschutz
NM	Nautical Mile/nautische Meile (1 NM = 1852 m)
NM	Network Manager (or: Management) (Telekommunikation/telecommunication)
NM	New Mexico (US-Staat/US state)
NM	Neuer Markt
NMA	Norwegian Mapping and Cadastre Authority
NMC	Network Management Centre (Telekommunikation/telecommunication)
NMC	New Mexico Consortium
NMD	National Missile Defense (USA)
NMD	Neuromuscular Disease
NMEA	National Marine Electronics Organization (GPS, Galileo)
NMFS	National Marine Fisheries Service (USA)
NMI	Natural Marketing Institute (USA)
NMI	Network Management Interface (Telekommunikation/telecommunication)
NMI	NSF Middleware Initiative
NMiTE	New Model in Technology & Engineering (UK)
NML	Network Management Layer (Telekommunikation/telecommunication)
NMN	Niedersächsischer Monographienachweis
NMO	Network Mode of Operation (Telekommunikation/telecommunication)



NMOS	N-Channel MOS
NMP	Nitroxide-Mediated Polymerization
NMR	Network Measure Radio (Telekommunikation/telecommunication)
NMR	Network Measurement Results (Telekommunikation/telecommunication)
NMR	Nuclear Magnetic Resonance
NMR-MOUSE	Nuclear Magnetic Resonance Mobile Universal Surface Explorer
NMS	National Measurement System (UK)
NMS	Network Management System (Rechnernetz/computer network)
NMSI	National Math and Science Initiative (USA)
NMSU	New Mexico State University (Las Cruces, NM, USA)
NMT	Noise Monitoring Terminal
NMT	Nordic Mobile Telephone
NN	Neural Network
NNCI	National Nanotechnology Coordinated Infrastructure (USA)
NNI	National Nanotechnology Initiative (USA)
NNI	Network to Node (or: Network) Interface (Rechnernetz/computer network)
NNI	Noise/News International (Journal)
NNIN	National Nanotechnology Infrastructure Network
NNL	National Nuclear Laboratory (UK)
NNMI	National Network for Manufacturing Innovation (USA)
NNPA	Nuclear Non-Proliferation Act
NNSA	National Nuclear Security Administration (DOE, USA)
NNSS	Navy Navigation Satellite System (USA)
NNSS	Navada National Security Site
NNTT	National New Technology Telescope (USA, war geplant, ist aber nicht realisiert/abandoned)
NNV	Nederlandse Natuurkundige Vereniging
NO	Norwegen/Norway (ISO 3166)
NOAA	National Oceanic and Atmospheric Administration (Princeton, NJ, USA)
NOAE	Network of Automotive Excellence
NOAO	National Optical Astronomy Observatory (USA)
NOC	Network Operating (or: Operation(s)) Center (Telekommunikation/telecommunication)
NODC	National Oceanographic Data Center (NOAA, Silver Spring, MD, USA)
NODE	Nanowire-Based One-Dimensional Electronics (EU project)
NoE	Network of Excellence
NOE	Neutrino Oscillation Experiment (Gran Sasso, IT)
NOEKS	Nonlinear Optics and Excitation Kinetics in Semiconductors
NOESY	Nuclear Overhauser Effect Spectroscopy
NOISE	Noise Observation and Information Service for Europe
NOISE-CON	National Conference on Noise Control Engineering (USA)
NOL	Naval Ordnance Laboratory (USA)
NOLM	Nonlinear Optical-Loop Mirror
NOMAD	Neutrino Oscillation Magnetic Detector (CERN)
NOMAD	Novel Materials Discovery
NOMS	Network Operations and Management
NO/A	NuMi Off-Axis Electron Neutrino Appearance
NOPSEMA	National Offshore Petroleum Safety and Environmental Management Authority (Australia)
NORA	Non-Obvious Relationship Analysis
NORAD	North American Air (or: Aerospace) Defense (Command)
NORDITA	Nordic Institute for Theoretical Physics (Copenhagen, DK; since autumn 2006: Stockholm, SE)
Nord/LB	Norddeutsche Landesbank
NOS	National Optical Society (in Europe)
NOS	Network Operating System (Telekommunikation/telecommunication)
NOSAMS	National Ocean Sciences Accelerator Mass Spectrometry (facility at WHOI)
NoSQL	Not only SQL
NOVEM	Noise and Vibration: Emerging Methods (Conference series)
NOW	Nationale Organisation Wasserstoff- und Brennstoffzellentechnologie
NOW	Network of Workstaions
NoW	Networks on Wheels
NP	Nanoparticle
NP	Nepal (ISO 3166)
NP	Nondeterministic Polynomial
NP	Nuclear Physics
NPA	Network Performance Analysis (or: Analyzer) (Telekommunikation/telecommunication)
NPC	Nomadic Personal Communications
NPC	Nuclear Pore Complex (Zellbiologie/cell biology)
NPDGamma	Reaction $n + p \rightarrow D + \gamma$ (neutron and proton converted into deuteron and photon)
NPE	Nationale Plattform Elektromobilität (in Deutschland)
NPE	Network Protection Equipment (Kommunikation/communication)
NPE	Nuclear Physics Electronic
NPG	Nature Publishing Group
NPI	Norwegian Polar Institute
NPL	National Physical Laboratory (Teddington, UK)
NPL	Non-Patent Literature
NPML	Nearly Perfect Matched Layer (absorber of structure-borne sound)
NPOI	Navy Prototype Optical Interferometer (Lowell Observatory, Anderson Mesa, near Flagstaff, AZ, USA)
NPOESS	National Polar-Orbiting Operational Environmental Satellite System (Wettersatellit/weather satellite)
NPP	National Polar-Orbiting Operational Environmental Satellite System Preparatory Project
NPP	Net Primary Production (Pflanzenmasse/plant mass)

NPPP	Nuclear Proliferation Prevention Project
NPR	National Public Radio
NPRC	Neuroscience Peer Review Consortium
NPRE	[Department of] Nuclear, Plasma, and Radiological Engineering (University of Illinois at Urbana-Champaign, USA)
NPRM	Notice of Proposed Rulemaking (Telekommunikation/telecommunication)
NPS	Nanoplasmonic Sensing
NPS	National Park Service (USA)
NPS	Naval Postgraduate School (Monterey, CA, USA)
NPT	[Nuclear] Non-Proliferation Treaty (Atomsperrvertrag)
NPV	Net Present Value (Telekommunikation/telecommunication)
NQDI	Network Quality Data Investigator (Telekommunikation/telecommunication)
NQR	Nuclear Quadrupole Resonance
NR	Nauru (ISO 3166)
NR	Naval Reactors (US Government office)
NR	Noise Rating
NRAO	National Radio Astronomy Observatory (Green Banks, WV, USA)
NRAR	Numerical-Relativity and Analytical-Relativity (astrophysics)
NRC	National Research Council (USA)
NRC	Network Resource Control (Telekommunikation/telecommunication)
NRC	Network Routing Chip
NRC	Non-Resonant Cavity (LED)
NRC	Nuclear Regulatory Commission
NRCan	Canadian Ministry of Natural Resources
NRCT	National Research Council of Thailand
NRDC	National Research and Development Corporation (London, GB)
NRDC	Natural Resources Defense Council (New York, NY, USA)
NRE	Non-Recurring Engineering and Tooling (Produktions-Kostenanalyse/analysis of production costs)
NREL	National Renewable Energy Laboratory (Golden, CO, USA)
NREN	National Research and Education Network (USA et al.)
NRF	Nanoscale Research Facility (University of Florida, USA)
NRF	National Research Foundation (Singapore)
NRI	Newton-Raphson Inverse (Algorithmus/algorithm)
NRIM	National Research Institute for Metals (Tsukuba, Japan)
NRIM	Network Resource Information Model
NRL	Naval Research Laboratory (Washington, DC, USA)
NRL	Neural Retina-Specific Leucine Zipper Protein
NRMP	National Resident Matching Program (USA)
NRO	National Reconnaissance Office (USA)
NRP	Norwich Research Park
NRQM	Nichtrelativistische Quantenmechanik
NRN	Noise Reduction Rating (acoustics)
NRSA	National Research Service Award (USA)
NRSL	Navy Radio and Sound Laboratory (San Diego, CA, USA)
NRT	Non-Real Time
nrtPS	Non Real-Time Packet Service (Telekommunikation/telecommunication)
NRU	National Research Universal (facility, Canada)
NRW	Nordrhein-Westfalen
NRZ	Nationales Referenzzentrum
NRZ	Non-Return-To-Zero (Telekommunikation/telecommunication)
NS	Nationalsozialismus
NS	Nova Scotia (Province of Canada)
NSA	National Security Agency (USA)
NSABB	National Science Advisory Board for Biosecurity (USA)
NSAC	Nuclear Science Advisory Committee (USA)
NSACI	Nuclear Science Advisory Committee Isotopes Subcommittee (DOE)
NSAID	Nonsteroidal Anti-Inflammatory Drugs (Antirheumatika/cure for rheumatism)
NSAR	nichtsteroidale Antirheumatika
NSB	National Science Board (USA)
NSB	New Steel Body (Automobiltechnik/vehicle technology)
NSBDT	Nationalsozialistischer Bund Deutscher Technik
NSBF	National Scientific Balloon Facility (NASA)
NSBO	Nationalsozialistische Betriebszellenorganisation
NSBP	National Society of Black Physicists (USA)
NSC	National Security Council (USA)
NSC	National Supercomputing Center (Tianjin, China)
NSCA	National Sound and Communications Association (USA)
NScD	Neutron Sciences Directorate (at ORNL)
NSCL	National Superconducting Cyclotron Laboratory (Michigan State University, USA)
NSCLC	Non-Small-Cell Lung Cancer
NSCM	No-Core Shell Model (Kernphysik/nuclear physics)
NSD	Network Services Division
NSDDB	Nationalsozialistischer Deutscher Dozentenbund
NSDStB	Nationalsozialistischer Deutscher Studentenbund
NSE	Nuclear Statistical Equilibrium (Kosmologie/cosmology)
NSEC	Nanoscale Science and Engineering Center (USA, NSF)
NSED	Nuclear Science and Engineering Directorate (ORNL, USA)
NSERC	Natural Sciences and Engineering Research Council (Canada)
NSF	National Sanitary Foundation

NSF	National Science Foundation (USA)
NSFB	Nationalsozialistischer Deutscher Frontkämpferbund
NSFC	Natural Science Foundation of China
NSFK	Nationalsozialistisches Fliegerkorps
NSFNET	National Science Foundation Network (USA)
NSG	Network Strategy Group (Telekommunikation/telecommunication)
NSG	Nuclear Suppliers Group („Londoner Gruppe“)
NSHP	National Society of Hispanic Physicists (USA)
NSI	Negatively Scarfed Intake (neue Flugzeug-Düsenform/new aircraft nozzle shape)
NSIC	National Storage Industry Consortium, Inc. (Hersteller von Datenspeichern, USA)
NSIDC	National Snow and Ice Data Center (USA)
NSIM	Neurogram Similarity
NSKK	Nationalsozialistisches Kraftfahrkorps
NSLB	Nationalsozialistischer Lehrerbund
NSLS	National Synchrotron Light Source (Brookhaven National Laboratory, Long Island, NY, USA)
NSM	National Society Member (EPS etc.)
NSM	Network and Service Management (Telekommunikation/telecommunication)
NSM	Neutron Scattering and Magnetism (Group, ETH Zürich, CH)
NSO	National Solar Observatory (USA)
NSOM	Near-Field Scanning Optical Microscope (or: Microscopy)
NSP	National Space Policy (USA)
NSP	Network Service Point (or: Provider, or: Platform) (Internet)
NSPE	National Society of Professional Engineers
NSRRRC	National Synchrotron Radiation Research Center (Hsinchu, Taiwan)
NSRT	Non-Sequential Ray Tracing
NSS	Network Subsystem (Telekommunikation/telecommunication)
NSS	Neutraler Salzsprühtest (auf Korrosionsbeständigkeit/test on corrosion resistance)
NSS	Non-Stop Service (Telekommunikation/telecommunication)
NSSA	Neutron Scattering Society of America
NSSD	Neutron Scattering Science Division (ORNL, USA)
NSSEFF	National Security Science and Engineering Faculty Fellowship (DOD, USA)
NSSK	North-South Station Keeping (Satelliten/satellites)
NS&T	Nanoscale Science and Technology (University of Florida, USA)
NST	Nanoscience and Technology
NSTA	National Science Teachers Association (USA)
NSTC	National Science and Technology Council (USA)
NSTL	[China] National Science and Technology Library
NSTM	Near-Surface Temperature Maximum
NSTX	National Spherical Torus Experiment (PPPL, Princeton, NJ, USA)
NSUB	Niedersächsische Staats- und Universitätsbibliothek (Göttingen)
NSV	Nationalsozialistische Volkswohlfahrt
NSVF	New Schools Venture Fund (USA)
NSWC	Naval Surface Warfare [früher/formerly: Weapons] Center (e.g., Silver Spring, MD, USA)
NSWCCD	Naval Surface Warfare Center, Carderock Division (West-Bethesda, MD, USA)
NSWC PCD	Naval Surface Warfare Center, Panama City Division (USA)
NSYSU	National Sun Yat-Sen University (Taiwan)
NT	Network Termination (Datennetze/data networks)
NTCC	National Theatre Company of China
NTCP	Normal Tissue Complication Probability (Onkologie/oncology)
NTF	National Transonic Facility (NASA, Langley Research Center)
NTG	Nachrichtentechnische Gesellschaft (im/in the VDE)
NTI	Nuclear Threat Initiative
NTIA	National Telecommunications and Information Administration (Telekommunikation/telecommunication)
NTIS	National Technical Information Service (Datenbank/data bank, USA)
NTO	Nitrotriazolon (Sprengstoff/explosive)
NTP	Network Time Protocol (Telekommunikation/telecommunication)
NTPS	National Test Pilot School (Mojave Desert, CA, USA)
NTS	Nevada Test Site (Kernwaffentest/nuclear weapons tests)
NTS	Nuclear Test Site
NTSC	National Television System Committee (Fernsehnorm/TV standard, USA)
NTT	New Technology Telescope (ESO, La Silla, Chile, 3,5 m Durchmesser/3.5 m diameter)
NTT	Nippon Telegraph and Telephone Corporation (Japan)
NTU	Nanyang Technological University (Singapore)
NTU	National Taiwan University
NTV	Niedersächsischer Tennisverband
NTZ, ntz	Nachrichtentechnische Zeitschrift
NU	Niue (ISO 3166)
NUDT	National University of Defence Technology (Guangzhou, CN)
NUI	National University of Ireland
NUMA	Non-Uniform Memory Access
NuPECC	Nuclear Physics European Collaboration Committee
NUPRL	Northwestern University Prosthetics Rehabilitation Laboratory (USA)
NURC	NATO Undersea Research Centre (La Spezia, IT)
NUREG	U.S. Nuclear Regulatory Commission
NUS	National University of Singapore
NUSC	Naval Underwater Systems Center (USA)
NuSI	Nutrition Science Initiative
NUSTAR	Nuclear Structure Astrophysics, and Reactions

NUV	Near Ultraviolet, nahes Ultraviolet
NUWC	Naval Undersea Warfare Center (Newport, RI, USA)
NV	Nevada (US-Staat/US state)
NV	Nitrogen Vacancy (Stickstoff-Fehlstelle, für Quantenkryptographie interessant/of interest for quantum cryptography)
NVDA	Nonvisual Desktop Access
NVDI	Normalized Differenced Vegetation Index
NVH	Noise, Vibration and Harshness
NVLAP	National Voluntary Laboratory Accreditation Program (USA)
NVM	Non-Volatile Memory
NVO	National Virtual Observatory (USA, geplant für/planned for 2010)
NVOD	Near Video-On-Demand
NVP	Network Voice Protocol (Telekommunikation/telecommunication)
NVRAM	Non-Volatile RAM
NVS	Night Vision Safety (Auto-Blendschutzspiegel)
NVT	National Variety Trials (Datenbank/database, AU)
NVV	Nichtverbreitungsvertrag (Atomwaffen/non-proliferation treaty, 1968)
NVvL	[Niederländische Aeroakustische Gesellschaft/Netherland's Aeroacoustic Society]
NW	Network (Telekommunikation/telecommunication)
NW	Nordrhein-Westfalen (Bundesland/German Federal State)
NWB	Niedergeschwindigkeits-Windkanal Braunschweig (DE)
NWCF	Navy Working Capital Fund (USA)
NWDR	Nordwestdeutscher Rundfunk
NWK	Network Analyser (DECT)
NWK	Nuklearwaffenkonvention
NWO	Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Niederländische Wissenschaftsorganisation/Netherland's science organization)
NWS	National Weather Service (USA)
NWT	North West Territories (Province of Canada)
NY	New York (US-Staat/US state)
NYAS	New York Academy of Sciences
NYC	New York City (USA)
NYC DEP	New York City, Department of Environmental Protection (USA)
NYCTA	New York City Transit Authority (Eisenbahntechnik/railway technology)
NYEX	Network for Youth Excellence
NYHA	New York Heart Association
NYSCI	New York Hall of Science (USA)
NYSE	New York Stock Exchange
NYU	Nanyang Technological University (Singapore)
NYU	New York University
NYUAD	New York University Abu Dhabi
NYYC	New York Yacht Club
NZ	Neuseeland/New Zealand (ISO 3166)
NZDSF	Non-Zero Dispersion Shifted Fiber (Glasfaser/glass fiber)
NZN	Niedersächsischer Zeitschriftennachweis
NZZ	Neue Zürcher Zeitung

## O

OA	Open Access
OA	Outgoing Access
OAA	Outstanding Alumni of Achievement (US Universities)
OAAC	Optical Aerial Attached Cable
OADM	Optical Add-Drop Multiplexer (optische Telekommunikation/optical telecommunication)
OAE	Otoacoustic Emission, Otoakustische Emission(en)
OAI	Open Archives Initiative
OAIG	Open Access Implementation Group
OAIS	Open Archival Information System
ÖAL	Österreichischer Arbeitsring für Lärmbekämpfung
OA[&]M	Operation, Administration and Maintenance (Telekommunikation/telecommunication)
OAM	Orbital Angular Momentum (ultrasonics)
OAMP	OAM Provisioning
OAN	Optical Access Node (Glasfasernetz/glass fiber net)
OAP	Ophthalmologischer Arbeitsplatz
OAPEN	Open Access Publishing in European Networks
OARE	Online Access to Research in Environment
OAS	Open Access Service (Telekommunikation/telecommunication)
OAS	Operator Assisted Service (Telekommunikation/telecommunication)
OAS	Optical Aperture Synthesis
OASIS	Optimal Architecture Sensor Interface System
OASIS	Organization for the Advancement of Structural Information Standards
OASPA	Open Access Scholarly Publishers Association
OASPL	Overall Sound Pressure Level
OAT	Ocean Acoustic Tomography
OATA	Ornamental Aquatic Trade Association (Europäische Handelsorganisation)
OATS	Open Area Test Site (Telekommunikation/telecommunication)
OAU	Organization of African Unity
ÖAW	Österreichische Akademie der Wissenschaften
OAWRS	Ocean Acoustics Waveguide Remote Sensing

ÖBB	Österreichische Bundesbahn
OBD	Optical Duobinary (Modulation)
OBDDH	On Board Data Handling Subsystem (Satelliten/satellites)
OBDMMS	Object-Oriented Database Management System
OBIRCH	Optical Beam Induced Resistance Change
OBL	Outside Broadcasting Link
OBMC	On Board Multimedia Controller (Telekommunikation/telecommunication)
OBMM	On Board MPEG Processor (Satelliten-Telekommunikation/satellite telecommunication)
OBMP	On Board Multimedia Processor (Telekommunikation/telecommunication)
OBP	On Board Processing (or: Processor)
OBS	Optical Burst Switch (Telekommunikation/telecommunication)
OBSI	On-Board Sound Intensity (tire-road noise measurement device)
OBU	On-Board Unit
OBW	Occupied Bandwidth (Telekommunikation/telecommunication)
OCaB	Outgoing Call Barrier
OCAP	Open Cable Application Platform (Telekommunikation/telecommunication)
OCC	Operation Control Center (ESOC)
OCCAM	Open Conditional Content Analysis Management (Telekommunikation/telecommunication)
OCCI	Ocean and Climate Change Institute
OCCI	Open Cloud Computing Interface
OCD	Optical Core Device (optische Telekommunikation/optical telecommunication)
OCDM	Optical Code Division Multiplexing (optische Telekommunikation/optical telecommunication)
O-CDMA	Optical Code Division Multiple Access (Glasfasernetz/glass fiber net)
OCF	On-Line Charging Function
OCH	Optical Channel (optische Telekommunikation/optical telecommunication)
OCHRIEST	International Crops Research Institute for Semi-Arid Tropics
OCh-SPRING	Optical Channel Shared Protection Ring (optische Telekommunikation/optical telecommunication)
OCME	Office of the Chief Medical Examiner (New York City)
OCP	Open Compute Project
OCR	Optical Character Recognition (Computer-lesbare Schrift/computer-reading of letters)
OCRWM	Office of Civilian Radioactive Waste Management (USA)
OCS	One Channel Safe (Telekommunikation/telecommunication)
OCT	Optical Coherence Tomography, Optische Kohärenztomographie (Augendiagnostik/eye diagnostics etc.)
OCT	Optical Component Test
OCX	[Dateinamenerweiterung: Programmdatei/file name extension: program file]
OC3	Optical Carrier 3 (155.52 Mbit/s) (optische Telekommunikation/optical telecommunication)
ODAC	Oil Depletion Analysis Centre
ODB	Operations Database (Satelliten/satellites)
ODBC	Open Data Base Connectivity (Telekommunikation/telecommunication)
ODC	Ornithindecarboxylase
ODD	Optical Disk Drive
ODE	Ordinary Differential Equation
ODFM	Orthogonal Frequency Division Multiplexing (Telekommunikation/telecommunication)
ODG	Objective Difference Grade (Telekommunikation/telecommunication)
ODL	Object Definition Language (Telekommunikation/telecommunication)
ODL	Open and Distance Learning (EU-Programm/EU program)
ODN	Own-Ship Doppler Nullification (sonar technology)
ODP	Ocean Drilling Project (or: Program)
ODP	Open Directory Project (in the www)
ODP	Open Distributed Processing
ODS	Ozone-Depleting Substance
ODT	Order-Disorder Transition
ODU	Old Dominion University (Norfolk, VA, USA)
ODX	Open Diagnostic Data Exchange
OE	Orientierungseinheit (Vorstudium)
OEA	Organic Electronics Association
OEB	Office Européen des brevets (München, DE)
OEC	Oro-Esophageal Cavity (in songbird's vocal tract)
OECD	Organization for Economic Cooperation and Development
OED	Oxford English Dictionary
OEIC	Optoelectronic Integrated Circuit, opto-elektronischer IC
OEIS	Online Encyclopedia of Integer Sequences
OEL	Organic Electro-Luminescent (Display)
OELR	Overall Echo Loudness Rating (Telekommunikation/telecommunication)
OEM	Optoelectronic Modulator (or: Mixer)
OEM	Original Equipment Manufacturer
OENN	Optoelectronic Neural Network
O/E/O	Optical Electronic Optical (optische Telekommunikation/optical telecommunication)
OEOb	Old Executive Office Building (USA, White House)
OER	Office of Extramural Research (NIH)
OER	Open Education Resource
OES	Oceanic Engineering Society (IEEE)
OET	Optoelectronic Tweezers
OFA	Open Fabrics Alliance
OFA	Optical Fiber Amplifier
OFAC	Office of Foreign Assets Control (USA)
OFAT	One-Factor-at-a-Time (Experimentiertechnik/experimental technique)
OFc	Optical Fiber Communication

OFC	Optical Frequency Comb
OFCCC	Optical Fiber Cable Competence Center
OFD	Oberfinanzdirektion
OFDM	Optical (or: Orthogonal) Frequency Division Multiplex(ing) (Telekommunikation/telecommunication)
OFDMA	Orthogonal Frequency Division Multiple Access (Telekommunikation/telecommunication)
OFES	Office of Fusion Energy Sciences (USA)
OFET	Organischer Feldeffekt-Transistor (optische Telekommunikation/optical telecommunication)
OFI	Optical Field Ionization
OFI	Ornamental Fish International (Handelsorganisation/trade organisation)
OFIS	Optical Fiber Infrasond Sensor
OFM	Optofluidic Microscopy
OFMeC	Optical Fibre Measurement Club (UK)
OFW	Oberflächenwellen
OG	Optical Gateway (optische Telekommunikation/optical telecommunication)
ÖGAI	Österreichische Gesellschaft für Artificial Intelligence
OGC	Open Geospatial Consortium
OGE	Office of Governmental Ethics (USA)
OGH	Oberster Gerichtshof
OGLE	Optical Gravitational Lens(ing) Experiment
OGP	Orientierungsgeschwindigkeitsprofil (Kfz-Simulation/car simulation)
OGS	Optical Ground Station
OGSA	Open Grid Services Architecture (Rechnernetz/computer network)
OGSI	Opportunity, Growth, and Security Initiative (USA)
OGY	Ott-Grebogi-Yorke (Control)
OH	Ohio (US-Staat/US state)
OHANA	Optical Hawaii(an) Array for Nanoradiation Astronomy
O.H.B.M.S.	On His (or: Her) British Majesties Service
OHC	Ocean Heat Content
OHC	Outer Hair Cell (in the ear)
OHEP	Office of High Energy Physics (DOE, Germantown, MD, USA)
OHG	Offene Handelsgesellschaft
OHG	Operator Harmonization Group (Telekommunikation/telecommunication)
OHMi	Observatoire Hommes-Milieus International
OHS	OH-Airglow-Suppression (Spectrograph)
OIB	Operation Icebridge
ÖIB	Örtliche Initiativen zur Beschäftigung von Frauen (EU)
OIC	Organization of the Islamic Conference
OICETS	Optical Inter-Orbit Communications Engineering Test Satellite (JAXA)
OID	Object Identifier
OIDA	Optoelectronic Industry Development Association (USA)
OIE	Office International des Épizooties (Weltgesundheitsorganisation/World Health Organization)
OIF	Ocean Iron Fertilization (zur CO <sub>2</sub> -Bindung im Meerwasser/for seawater CO <sub>2</sub> deposition)
OIF	Optical Internet Working Forum (optische Telekommunikation/optical telecommunication)
OIM	Optical Inline Metrology
OIM	Orientation Imaging Microscopy
OIS	Optical Image Stabilizer, optischer Bildstabilisator
OIST	Okinawa Institute of Science and Technology (Graduate University, Okinawa, JP)
OIT	Oxidationsinduktionszeit
OJMS	Open Journal Management System
OJPS	Online Journal Publishing Services (AIP)
OJS	Open Journal Systems
OK	Oklahoma (US-Staat/US state)
OKH	Oberkommando des Heeres (im „Dritten Reich“)
OKM	Oberkommando der Kriegsmarine (im „Dritten Reich“)
OL	Output Layer (neuronales Netz/artificial neural network)
OLA	Optical Line Amplifier (optische Telekommunikation/optical telecommunication)
OLCF	Oak Ridge Leadership Computing Facility
OLE	Object Linking and Embedding (Programmierung/programming)
OLE	Open Library Environment
OLE	Opto (since 2006: Optics) & Laser Europe (Journal, Bristol, UK)
OLED	Organic Light-Emitting Diode (or: Device), organische Licht emittierende Diode
OLEDoS	OLED on Silicon
OLEV	Orbital Life Extension Vehicle (for satellites)
OLEX	Ozone LIDAR Experiment
OLGA	Online Guideline Assist (Medizintechnik/medicine technology)
OLH	Open Library of the Humanities
OLLA	Organic LEDs for ICT and Lighting Application (EU project)
OLPC	One Laptop per Child (Initiative für Entwicklungsländer/initiative for developing countries)
OLR	Outer Lindblad Resonance (astronomy)
OLS	On-Line Service (Internet)
OLT	Optical Line Termination (or: Terminal) (optische Telekommunikation/optical telecommunication)
OLTE	Optical Line Termination Equipment
OLTP	Online Transaction Processing
OM	Oman (früher Maskat und Oman/former Muscat and Oman) (ISO 3166)
OM	Operational Mode (Telekommunikation/telecommunication)
OM	Optical Monitor (XMM)
O&M	Operation(s) and Maintenance
OMA	Open Mobile Alliance (Mobilfunk/mobile radio)

OMA	Operational Modal Analysis
OMA-BCAST	Open Mobile Alliance – Broadcast (Telekommunikation/telecommunication)
OMAC	Open Modular Architecture Controller
OMAP	Open Multimedia Applications Platform (processor)
OMB	Office of Management and Budget (USA, White House)
OMC	Operation(s) and Maintenance Center (Telekommunikation/telecommunication)
OMC	Optical Metrology Centre
OMC-CN	Operation and Maintenance Center – Core Network (Telekommunikation/telecommunication)
OMCI	Optical Network Termination Management and Control Interface (optische Telekommunikation/optical telecommunication)
OMCR	Operation and Maintenance Center – Radio (Telekommunikation/telecommunication)
OMF	Observation Markup Format
OMG	Object Management (or: Modelling) Group
OMI	Open Microprocessor Systems Initiative
OMI	Optical Modulation Index
OMI	Ozone Monitoring Instrument
OMO	Oxidation Mechanism Observations (Research project for HALO)
OMO	Oxford Medicine Online
OMS	Operations and Maintenance Station (Telekommunikation/telecommunication)
OMS, O $\mu$ S	Optical Microsystems (Congress)
OMS	Optical Monitoring System
OMS	Optical Multiplex Station (Telekommunikation/telecommunication)
OMSG	Optinex <sup>TM</sup> (or: Optical) Multi-Service Gateway (optische Telekommunikation/optical telecommunication)
OMSN	Optinex <sup>TM</sup> (or: Optical) Multi-Service Node (optische Telekommunikation/optical telecommunication)
OMT	Object Modelling (and) Technique
OMUX	Output Multiplexer (Telekommunikation/telecommunication)
ON	Ontario (Province of Canada)
ON	Optical Network (Telekommunikation/telecommunication)
ONAC	Office of Noise Abatement and Control (Environment Protection Agency, USA)
ONDRAF	Organisme National des Déchets Radioactifs et des Matières Fissiles Enrichies (BE)
One-P	Organic Nanomaterials for Electronics and Photonics (EU project)
ONERA	Office National d'Etudes et de Recherches Aérospatiales
ONP	Open Network Provision(ing)
OnQA	Online Qualitätssicherung im Autoklaven (DLR)
ONR	Office of Naval Research (Arlington, VA, USA)
ONS	Office of National Statistics (UK)
ONSA	Organization for Nucleotide Sequencing and Analysis (São Paulo, BR)
ONT	Optical Network(ing) Termination (optische Telekommunikation/optical telecommunication)
ONTA	Oxynitrotriazol (Sprengstoff/explosive)
ONU	Optical Network Unit
OO	Object-Oriented, objektorientiert
OODB	Object-Oriented Database
OOK	On-Off Keying (Datenübertragung/data transfer)
OOP	Object-Oriented Program(ming), objektorientierte(s) Programm(entwicklung)
OOR	Object-Oriented Rendering (Algorithmen/algorithms)
OOS	Out of Spec
OOT	objektorientierter Test
OOT	Oxidationsinduktionstemperatur
OOTC	Old Oldtimer Club (USA)
O&P	Optics and Photonics
OP	Organizational Partners
OP	Organophosphorus (nerve gas)
OP A/D	Optical Packet Add/Drop (optische Telekommunikation/optical telecommunication)
OPA	Operational Path Analysis
OPAL	Offene Post-Automations-Lösung (Österreich)
OPAL	Optical Access Line, optische Anschlussleitung (Telefon/telephone)
OPAL	Organische Phosphorenzleuchtdioden für Applikationen im Lichtmarkt (BMBF-Projekt)
OPC	Optical Phase Conjugator
OPCPA	Optical Parametric Chirped-Pulse Amplification
OPCW	Organisation for the Prohibition of Chemical Weapons
OPDL	Optically Powered Data Link (optische Telekommunikation/optical telecommunication)
OPEC	Organization of Petrol Exporting Countries, Organisation Erdöl exportierender Staaten
OPEN	Optical Pan-European Network
OPEP	One-Pion Exchange Potential
OPERA	Open Repository for Research Data in Acoustics
OPERA	Optics and Photonics in the European Research Area
OPERA	Oscillation Project with Emulsion-Tracking Apparatus (Neutrino-Detektor/neutrino detector, Gran Sasso, IT)
OPEX	Operating (or: Operational) Expenditure (or: Expenses)
OPF	Open Planets Foundation (UK forum for digital document preservation)
OPG	Ontario Power Generation (Canadian power plant)
ÖPG	Österreichische Physikalische Gesellschaft
OPGW	Optical Ground Wire (Glasfasernetz/glass fiber net)
OPIMA	Open Platform Initiative for Multimedia Access (Telekommunikation/telecommunication)
OPIC	[US] Overseas Private Investment Corporation
OPIT	Oxide Powder in Tube
OPJ	Origin Project (file name extension)
ÖPNV	Öffentlicher Personen-Nahverkehr
OPO	Optical Parametric Oscillator

OPP	Optical Precipitate Profiler
OPQSK	Offset QPSK (Telekommunikation/telecommunication)
OPS	Official Production System
OPS	Optical Path Switch (Telekommunikation/telecommunication)
OPS	Optical Protection System (optische Telekommunikation/optical telecommunication)
OPS	Optically Pumped Semiconductor (Laser)
OPSL	Optically Pumped Semiconductor Laser
OPZ	Operationszentrale
OQ	Operation Qualification
OR	Operation Room
OR	Oregon (US-Staat/US state)
ORACLE	Oppportunistic Radio Communications in Unlicensed Environments
ORACLS	Optimal Regulator Algorithms for the Control of Linear Systems (CAD-System, NASA 1980)
ORATOS	Orbit and Attitude Operations Subsystem (Satelliten/satellites)
ORB	Object Request Broker (Telekommunikation/telecommunication)
ORB	Ocean Research Buoy
ORC	Organic Rankine Cycle (Geothermie/geothermy)
ORCHESTRA	Open Architecture and Spatial Data Infrastructure for Risk Management (EU project)
ORCID	Open Researcher and Contributor Identifier
ORDA	Online Research Data
ORE	Office de Recherche et d'Essais
ORF	Österreichischer Rundfunk
ORFEO	Optical and Radar Federation for Earth Observation
org	[other organizations] (Internet, USA)
ORI	Office of Research Integrity (USA)
ORINOKO	Operative regionale integrierte und optimierte Korridorsteuerung (Straßenverkehrssteuerung/road traffic control)
ORISE	Oak Ridge Institute for Science and Education
ORL	Ordnance Research Laboratory (Pennstate, USA)
ORM	Observatorio del Roque de los Muchachos (La Palma)
ORMAK	Oak Ridge Tokamak (Fusionsreaktortechnik/fusion reactor technology, Oak Ridge National Laboratory, TN, USA)
ORMOCER	Organically Modified Ceramic
ORNL	Oak Ridge National Laboratory (Oak Ridge, TN, USA)
ORSTOM	[Internationale Hilfsorganisation Frankreichs/international relief organisation of France]
ORW	Open Reed Waving (Webtechnologie)
OS	Open Services
OS	Operating (or: Operations) System
OSA	Open Service Architecture (Telekommunikation/telecommunication)
OSA	Optical Society of America (founded 1916), since 2008: The Optical Society
OSA	Optical Spectrum Analyzer
OSAPS	Ohio-Region Section of the American Physical Society
OSB	Oriented Structural (or: Strand) Board (Spanplatte/chipboard)
OSC	Ohio Supercomputer Center (USA)
OSC	Omics Science Center (Riken, JP)
OSC	Optical Supervisory Channel (Glasfasernetz/glass fiber net)
OSC	Outbound Signalling Channel (Telekommunikation/telecommunication)
OSC	Oxford Supercomputing Centre (UK)
OSD	On Screen Display (or: Dialog) (Funktionsanzeige auf TV-Schirm)
OSDE	Open Systems (or: Service) Development (or: Delivery) Environment (Telekommunikation/telecommunication)
OSETI	Optical Search for Extraterrestrial Intelligence
OSF	Open Software Foundation
OSF	Operation System Function
OSHA	Occupational Safety and Health Administration (Washington, DC, USA)
OSI	Open Source Initiative
OSI	Open Systems Interconnection (Datennetze/data networks)
OSI	Optical (or: Orbiting) Stellar Interferometer
OSIRIS	Off-Shore Integrated Robotic Inspection System
OSIRIS	Optical Spectroscopic (or: Spectrograph) and Infrared Imager System
OSIRIS	Optical System for Imaging and Low Resolution Integrated Spectroscopy
OSL	Optically Stimulated Luminescence, optisch stimulierte Lumineszenz
OSNCP	Optical Subnetwork Connection Protection (optische Telekommunikation/optical telecommunication)
OSNR	Optical Signal-to-Noise Ratio (optische Telekommunikation/optical telecommunication)
OSO	Oxford Scholarship Online (Oxford University Press)
OSP	Open Services Platform (Telekommunikation/telecommunication)
OSPF	Open Shortest Path First (Internet)
OSRD	Office of Scientific Research and Development (USA)
OSS	Object Storage Server
OSS	Office of Strategical Services (USA)
OSS	Operation(s) (or: Operational) Support System (Internet)
OSSE	Oriented Scintillation Spectrometer Experiment
OSSI	Operations Support System Interface (Telekommunikation/telecommunication)
OST	Observatoire des Sciences et des Techniques (FR)
OST	Office of Science and Technology (UK, USA)
OSTI	Office of Scientific and Technical Information (DOE)
OSTP	Office of Science and Technology Policy (USA, White House)
OSU	Ohio State University (USA)
OSU	Oklahoma State University (USA)
OSU	Oregon State University (USA)



OSZE	Organisation für Sicherheit und Zusammenarbeit in Europa
OTA	Office of Technology Assessment (USA, Congress)
OTA	Optical Telescope Assembly
OTA	Over-the-Air (Telekommunikation/telecommunication)
OTAP	Over the Air Performance (Telekommunikation/telecommunication)
OTAR	Over the Air Refill()
OTC	One Touch Com (Telekommunikation/telecommunication)
OTC	Optical Coherence Tomography, Optische Kohärenztomographie
OTC	Over the Corner (frei verkäufliche Waren)
OTC	Over the Counter (Börsenhandel/stock exchange)
OTCCD	Orthogonal Transfer Array CCD (Gigapixel-Kamera, Teleskop/gigapixel camera, telescope in Maui, HI, USA)
OTD	Observed Time Difference (Telekommunikation/telecommunication)
OTDM	Optical Time Division Multiplexing (optische Telekommunikation/optical telecommunication)
OTDOA	Observed Time (or: Timing) Difference of Arrival (Ortung/localization)
OTDR	Optical Time Delay (or: Domain) Reflectometry
OTD-Sim	Order to Delivery Simulation
OTEC	Ocean Thermal Energy Conversion
OTFT	Organic Thin-Film Transistor
OTH	Optical Transport Hierarchy (optische Telekommunikation/optical telecommunication)
OTIMA	Optical Time-Domain Ionizing Matter-Wave
OTN	Open Transport Network (Verkehrsleitsystem/traffic guidance)
OTN	Optical Transmission (or: Transport) Network (optische Telekommunikation/optical telecommunication)
OTP	Offcie de Timbres-Postes
OTP	One Time Password
OTRI	Oficinas de Transferencia de los Resultados de Investigación (ES)
OTS	Off-the-Shelf
OTS	Operativ-Technischer Sektor (DDR)
OTS	Optical Transmission System (optische Telekommunikation/optical telecommunication)
OTT	Over-the-Top (Telekommunikation/telecommunication)
OU	Open University (UK)
OUHSC	Oklahoma University Health Sciences Center (Oklahoma City, OK, USA)
OUP	Oxford University Press
OVC	Optical Variance Coronagraph (Astronomie/astronomy)
OVC	Output Variance Constraint
OVL	Optical Vortex Lens (Astronomie/astronomy)
OVRO	Owens Valley Radio Observatory
OWL	Ostwestfalen-Lippe
OWL	Overwhelmingly Large (Teleskop/telescope)
OWL	Web Ontology Language (semantisches Netz/semantic net)
OWS	Optical Wavelength Switched (optische Telekommunikation/optical telecommunication)
OXC	Optical Cross Connect (optische Telekommunikation/optical telecommunication)
OZIPM	Ozone Isopleth Plotting with Optional Mechanism

## P

P...	Peta... (Präfix/prefix): $10^{15}$
p...	Pico... (Präfix/prefix): $10^{-12}$
P-Wellen	Kompressionswellen (Geophysik/geophysics)
PA	Panama (ISO 3166)
PA	Parametric Array (underwater sound transmitter)
PA	Pennsylvania (US-Staat/US state)
PA	Photoacoustics
PA	Plasminogenaktivator (Genetik/genetics)
PA	Polyhexamethylenadipinsäureamin (Nylon)
PA	Power Amplifier
PA	Press Association (multimedia news agency)
PA	Publishers Association (UK)
PAA	Polyacrylic Acid
PaaS	Platform as a Service (cloud computing)
PABX	Private Automatic Branch Exchange, Private digitale Nebenstellenanlage (Telekommunikation/telecommunication)
PAC	Particle Accelerator Conference (alle 3 Jahre/every 3 years)
PAC	Perturbed Angular Correlation
PAC	Planetary Astronomy Committee (NASA)
PAC	Processing and Archiving Center
PAC	Programme Advisory Committee (TC im/in the ETSI)
PACA	Preventive Actions and Corrective Actions
PACAP	Pituitary Adenylate Cyclase Activating Polypeptide (ein Neuropeptid/a neuropeptide)
PACC	Particle Physics, Astrophysics and Cosmology Center (University of Pittsburgh, PA, USA)
PACE	Planar Articulating Controls Experiment
PACE	Programme de recherche sur l'Aval du Cycle Electronucléaire (CNRS, FR, zur Entsorgung radioaktiver Abfälle/disposal of radioactive waste)
PACF	Phosphoric Acid Fuel Cell (auch/also: PAFC)
PACS	Photoconductor Array Camera and Spectrometer (FIRST)
PACS	Physics and Astronomy Classification Scheme
PACS	Picture Archiving and Communications System
PACT	Parallel Architecture and Compilation Techniques (Conference)
PAD	Packet Assembly/Disassembly
PAD	Perturbed Angular Distribution

PAD	Pixel Array Detector
PAE	Power Added Efficiency (Telekommunikation/telecommunication)
PAF	Portable Application Format (PDF converter)
PAF	Posterior Auditory Field (im Gehirn/in the brain)
PAFC	Phosphoric Acid Fuel Cell (auch/also: PACF)
PAH	Polycyclic Aromatic Hydrocarbon
PAH	Pulmonale arterielle Hypertonie
PAHL	Portable Automated Helium Liquefier
PAI	Plasminogenaktivator-Inhibitor (Genetik/genetics)
PAK	Polyzyklische aromatische Kohlenwasserstoffe
PAL	Permissive Action Link
PAL	Phase Alternation Line (Fernsehen/TV)
PAL	Photo-Activated Localization (Microscopy)
PAL	Pohang Accelerator Laboratory (Korea)
PALA	Platform of Applications of Lasers in Aquitaine (Bordeaux, FR)
PALAOA	Perennial Acoustic Observatory in the Antarctic Ocean
PALC	Plasma Addressed Liquid Crystal
PALC	Polygonal Audience Line Curving
PALM	Photoactivated Localization Microscopy
PALS	Photoacoustic Laser Spectroscopy
PALS	Prague Asterix Laser System
PALV	Personal Air and Land Vehicle
PAM	Passive Acoustic Monitoring (Meeresbiologie/marine biology)
PAM	Photoacoustic Microscopy
PAM	Piezo Amplifier Module
PAM	Puls-Amplituden-Modulation, Pulse-Amplitude Modulation
PAMA	Preassigned Multiple Access (Telekommunikation/telecommunication)
PAMB	Projektgruppe für Automatisierung in der Medizin und Biotechnologie (am Fraunhofer-IPA)
PAMELA	Payload for Antimatter Exploration and Light-Nuclei Astrophysics (ESA)
PAN	Personal Area Network (Telekommunikation/telecommunication)
PAN	Polyacrylonitrile
PAN	Poroxyacetylnitrat
PANDA	Antiproton Annihilation in Darmstadt
PANDAS	Pan-Andromeda Archaeological Survey
PANDOWAE	Predictability and Dynamics of Weather Systems in the Atlantic-European Sector (for better weather forecast)
PANS	Probing Acceleration now with Supernovae (Astrophysik/astrophysics)
PanSTARRS	Panoramic Survey Telescope and Rapid Response System (Astrophysik/astrophysics, on Hawaii)
PAP	Password Authentication Protocol (Telekommunikation/telecommunication)
PAP	Prostatic Acid Phosphatase (a protein)
PAPER	Precision Array for Probing the Epoch of Reionisation (Südafrika, Teleskop)
PAPS	Personal Assistent for Public Transport Systems
PAR	Personal Attenuation Rating (noise control)
PAR	Photoacoustic Radar
PARALAB	Parachute and Airdrop Evaluation Laboratory (DLR, Braunschweig)
PARASOL	Polarization and Anisotropy of Reflectances for Atmospheric Sciences Coupled with Observations from Lidar
PARAVAL	PARALAB Validation
PARC	Palo Alto Research Center (Xerox)
PARCC	Paris Centre de Recherche Cardiovasculaire
PARCOR	Partial Correlation
PARES	Permanent Authentc Records in Electronic Systems
PARFuMS	Parallel Annotation and Reassembly of Functional Metagenome Selections
PARI	Pisgah Astronomical Research Institute (Rosman, NC, USA)
PARTNER	Partnership for Air Transportation Noise and Emissions Reduction (gegründet/founded Sept. 2003)
PAS	Pädagogische Arbeitsstelle des deutschen Volkshochschulverbandes (Frankfurt/M.)
PAS	Photoacoustic Spectroscopy
PASA	Pre-Applicable Structural Adhesives
PASJ	Publications of the Astronomical Society of Japan
PASR	Preparatory Action on the Enhancement of the European Industrial Potential in the Field of Security Research
PASS	Physial Acoustics Summer School (zweijährig/biennially)
PAT	Persistent Association Technology (Telekommunikation/telecommunication)
PAT	Photoacoustic Tomography
PAT	Pilot-Assisted Transmission (Telekommunikation/telecommunication)
PAT	Port Address Translation (Telekommunikation/telecommunication)
PAT	Process Analytical Technology (or: Technique)
PAT	Program Association Table (Telekommunikation/telecommunication)
PATC	PRACE Advanced Training Centre
PATH	Patienten-Tumorbank der Hoffnung (Stiftung)
PATU	PanAfrican Telecommunication Union
PAV	Personal Aerial Vehicle
PAVK	Periphere arterielle Verschlusskrankheit
PAY	Physics Achievement Year
PAZ	[Fraunhofer-] Pilotanlagenzentrum für Polymersynthese und -verarbeitung (Schkopau)
PB	Petabyte (= 10 <sup>15</sup> Bytes)
PBB	Polybrominated Biphenyl
PBB	Provider Backbone Bridge (Telekommunikation/telecommunication, Ethernet)
PBCC	Packet Binary Convolutional Coding (Telekommunikation/telecommunication)
PBDE	polybromierter Diphenylether, Polybrominated Diphenyl Ether
PBET	Photonic Basis for Engineers and Technicians (California, USA)

PBG	Phononic Band Gap
PBH	Physikzentrum Bad Honnef (DPG)
PBI	Physics-Based Industries
PBI	Public Broadcaster International (Conference series)
PBMR	[Gas-] Pebble-Bed Modular Reactor (Kernreaktor, geplant für 2014 in Südafrika/nuclear plant, planned for 2014 in South Africa)
PBN	Performance Based Navigation
PBN	pyrolytisches Bornitrid
PBO	Plate Boundary Observatory (Geodäsie/geodesy)
PBO	Polybenzobioxazol
PBPk	Physiologically-Based Pharmacokinetic(s)
PBS	Polarizing Beamsplitter (Optik/optics)
PBS	Primer-Bindungsstelle (in RNA)
PBS	Public Broadcasting Service
PBT	Polybutylenterephthalat, Poly Butylene Terephthalate
PBT	Proton-Beam Therapy (cancer treatment)
PBWA	Plasma Beat-Wave Accelerator
PBX	Plastic Bonded Explosive (Sprengstoff/explosive)
PBX	Private Branch Exchange (Internet)
PBX-M	Princeton Beta Experiment – Modified (Fusionsreakorteknik/fusion reactor technology)
pc	parsec (astronomische Einheit/astronomical unit)
PC	Personal Computer
PC	Phononic Crystal
PC	Polycarbonat
PC	Project Completion
PCA	Principal Component Analysis (= HKA)
PCA	Proportional Counter Array (beim/at the RXTE)
PCAST	President's Committee (or: Council) of Advisors on Science and Technology (USA)
PCB	polychlorierte Biphenyle
PCB	Printed Circuit Board
PCC	Partial Correlation Coefficient
PCC	polychloriertes Camphen
PCC	Product Compliance Center (Fujitsu, Augsburg and Paderborn, DE)
PCCM	Princeton Center for Complex Materials
P-CCPCH	Primary Common Control Physical Channel (Telekommunikation/telecommunication)
PCD	Passive Cavitation Detector
PCD	Power Control Device
PCD	primäre ziliäre Dyskinesie (Krankheit)
PCDE	Peak Code Domain Error (Telekommunikation/telecommunication)
PCE	Power Consumption Efficiency
PCF	Photonic Crystal Fibre
PCF	Polymer Cladded Fiber (optische Telekommunikation/optical telecommunication)
PcG	Polycomb Group (Genetik/genetics)
PCG	Project Coordination Group (Telekommunikation/telecommunication)
PCG	Publisher Communication Group
PCI	Parallel Computing Institute (Illinois College of Engineering, USA)
PCI	Peripheral Component Interconnect (Datenbus/data bus)
PCIMG	PCI Industrial Computers Manufacturers Group
PCINR	Physical Carrier to Interference plus Noise Ratio (Telekommunikation/telecommunication)
PCL	Polycaprolacton (ein Kunststoff)
PCM	Parallel Climate Model
PCM	Phase Change Material
PCM	Puls-Code-Modulation
PCMAE	Platform Cluster Manager Advanced Edition
PCMCIA	Personal Computer Memory Card International Association
PCMDI	Program for Climate Model Diagnosis and Intercomparison
PCN	Personal Communications Network
PCO	Point of Control and Observation (Telekommunikation/telecommunication)
PCO	Public Call Office (Telefon/telephone)
PCP	Pentachlorphenol
PCPEP	Primary Common Control Physical Power (Telekommunikation/telecommunication)
PCR	Peak Cell Rate (Telekommunikation/telecommunication)
PCR	Polymerase Chain Reaction, Polymerase-Kettenreaktion (Biotechnologie/biotechnology)
PCR	Predictive Control of Reactors
PCR	Principal Component Regression
PCR	Program Clock Reference (Telekommunikation/telecommunication)
PCS	Personal Communications Service (or: System)
PCS	Photon Correlation Spectroscopy
PCS	Plastic-Clad Silica
PCS	Pulse Chemisorption
P-CSCF	Proxy-Call State (or: Session) Control Function (Telekommunikation/telecommunication)
PCSI	Physics and Chemistry of Surfaces and Interfaces (conference series)
PCSS	Personal Communication Satellite Systems
PCST	[International Network on] Public Communication of Science and Technology
PCT	Parity, Charge Conjugation, and Time Reversal (symmetry in particle physics)
PCT	Patent Cooperation Treaty
PCTF	Plated Copper on Thick and Thin Film (Technology)
PCTJ	Parallel Connected Twin Junction (Infrarotastronomie/infrared astronomy)

PCTR	Prominence–Corona Transition Region (solar plasma)
PCU	Packet Control Unit (Telekommunikation/telecommunication)
PCU	Polycarbonaturethan
PCU	Power Conditioning Unit
PCU	Power Control Unit
PCV	Planoconcave (optische Linsen/optical lenses)
PCWE	Perturbed Convective Wave Equation
PCX	Planoconvex (optische Linsen/optical lenses)
PCX	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PCX	Private Communication Exchange (Telekommunikation/telecommunication)
PD	Photodiode
PD	Privatdozent
PD	Probability of Detection
PD	Proportional–Derivative (Control), Proportional–Differential (Regler)
PDA	Patron-Driven Acquisition (e-books)
PDA	Personal Digital Assistant (Telekommunikation/telecommunication)
PDA	Photo Diode Array (Detector)
PDBF	Profile Database Function (Telekommunikation/telecommunication)
PdBI	Plateau de Bure Interferometer (FR)
PDC	Personal (or: Portable) Digital Cellular (or: Communication) (Telekommunikation/telecommunication)
PDCC	Porsche Dynamic Chassis Control (Kfz-Entwicklung/car development)
PDCH	Packet Data Channels (Telekommunikation/telecommunication)
PDCP	Packet Data Compression (or: Convergence) Protocol (Telekommunikation/telecommunication)
PDD	Pervasive Developmental Disorder
PDD	Photodynamische Diagnostik
PDD	Platform Data Distribution (Eisenbahntechnik/railway technology)
PDD	Presidential Decision Directive (USA)
PDE	Partial Differential Equation
PDE	Phosphodiesterase
PDF	Policy Decision Function (Telekommunikation/telecommunication)
PDF	Portable Document Format
PDF	Postdoctoral Fellow
PDF	Probability Density Function
PDG	Packet Data Gateway (Telekommunikation/telecommunication)
PDGF	Platelet-Derived Growth Factor (Blutplättchen-Wachstumsfaktor/blood platelets)
PDH	Plesiochronous Digital Hierarchy (Telekommunikation/telecommunication)
PDI	Paul-Drude-Institut für Festkörperelektronik (Berlin)
PDL	Page Description Language (Printer Server)
PDL	Panjab Digital Library (India)
PDL	Polarization Dependent Loss (optische Telekommunikation/optical telecommunication)
PDLC	Polymer-Dispersed Liquid Crystal
PDM	Polarization Division Multiplexing (optische Telekommunikation/optical telecommunication)
PDM	Product Data Management
PDMS	Polydimethylsiloxan(e)
PDN	Packet Data Network (Telekommunikation/telecommunication)
PDN-GW	Packet Data Network Gateway (Telekommunikation/telecommunication)
PDO	Packet Data Optimized (Telekommunikation/telecommunication)
PDO	Pazifische Dekadenoszillation (Meeresklima/marine climate)
PDP	Packet Data Protocol (Telekommunikation/telecommunication)
PDP	Plasma Discharge (or: Display) Panel
PDP	Policy Decision Point (Telekommunikation/telecommunication)
PDP	Power Delay Profile (Telekommunikation/telecommunication)
PDP	Protein Data Bank
PDR	Personal Disk Recorder
PDR	Preliminary Design Review
PDRA	Post-Doctoral Research Associate
PDS	Payload Data Segment (Telekommunikation/telecommunication)
PDS	Permanent Data Storage System
PDS	Personal Data Store
PDS	Planetary Data System
PDS	Polydioxanon
PDSN	Packet Data Serving Node (Telekommunikation/telecommunication)
PDSS	Protected Data Storage System
PDT	Photodynamic Therapy, Photodynamische Therapie (Augenheilkunde und Hautkrebstherapie/ophthalmology and skin cancer therapy)
PDU	Packet Data Unit (Telekommunikation/telecommunication)
PDU	Protocol Data Unit (Telekommunikation/telecommunication)
PDX	Princeton Divertor Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
PE	Peru (ISO 3166)
PE	Phase Error (Telekommunikation/telecommunication)
PE	Polyethylen
PE	Prediction Error
PE	Provider Edge (Telekommunikation/telecommunication)
PE	Pulse Echo
PEACE	Process Execution and Communication Environment
PEAP	Protected Extensible Authentication Protocol (Telekommunikation/telecommunication)
PEAQ	Perceived Evaluation of Audio Quality
PEARL	Polar Environment Atmospheric Research Laboratory (Canadian arctic station)

PEC	Photoelectrocatalytic (Brennstoffzellen/fuel cells)
PECASE	Presidential Early Career Award for Scientists and Engineers (Acoustical Society of America)
PECBMS	Pan-European Common Bird Monitoring Scheme
PECVD	Plasma-Enhanced Chemical Vapor Deposition
PED	Precession Electron Diffraction
PEDOT	Polyethylenedioxythiophen
PEEK	Poly-Ether-Ether-Keton
PEEM	Photo-Emission Electron Microscopy, Photoemissions-Elektronenmikroskop(ie)
PEER	Publishing and the Ecology of European Research (EU project)
PEF	Pulsed Electric Field
PEG	Polyethylenglykol, Polyethylene Glykol
PEI	Peripheral Equipment Interface
PEI	Prince Edward Island (Province of Canada)
PEM	Photon Emission Microscopy
PEM	Polymer-Elektrolyt-Membran (Brennstoffzelle/fuel cell)
PEM	Proton Exchange Membrane, Protonen-Austausch-Membran (Brennstoffzelle/fuel cell)
PEMFC	Polymer Electrolyte Membrane Fuel Cell
PEN	Physics Education News
PEN	Project on Emerging Nanotechnologies (USA)
PEO	Polyethylene Oxide, Polyethylenoxid
PEP	Peak Envelope Power
PEP	Performance Enhancing Proxies (Telekommunikation/telecommunication)
PEP	Physics and Engineering Physics
PEP	Physics Entrepreneurship Program (Case Western Reserve University, Cleveland, OH, USA, since 1999)
PEP	Polymeric Electronics Packaging
PEP	Positron-Electron Project (SLAC)
PEP	Produktentstehungsprozess (Kfz-Elektronik)
PEPS	Passive-Entry – Passive-Start (Kfz)
PEPS	Performance Evaluation of Parallel Systems (EU research project)
PEPSI	Potsdam Echelle Polarimetric and Spectroscopic Instrument (fertig/completed 2008)
PEQ	Peerage Essay Quality
PER	Packed Encoding Rule (ASN.1)
PER	Packet Error Ratio (or: Rate) (Telekommunikation/telecommunication)
Per	Perchloroethen
PER	Physis Education Research
PER	Polarization Extinction Ratio
PERC	Physics Education Research Conference
PERL	Passivated Emitter and Rear, Locally Diffused (Solarzellen/solar cells)
Perl	Practical Extraction and Report Language (scherzhaft auch/ironically also: Pathologically Eclectic Rubbish Lister) (Textmanipulation/text manipulation)
PERS	Poroelastic Road Surface
PERV	Porcine Endogenous Retro-Virus
PES	Packetized Elementary Stream (Telekommunikation/telecommunication)
PES	Photoelektronenspektroskopie
PES	Polyethersulfone (piezoelectric polymer)
PES	Potential Energy Surface (Molekülphysik/molecular physics)
PESC	Power Electronics Specialist Conference
PESP	Periodic Event Scheduling Problem (Kombinatorik)
PESQ	Perceptual Evaluation of Speech Quality (Telekommunikation/telecommunication)
PEST	Princeton Equilibrium and Stability in Tokamak (Fusion Experiment)
PET, PETP	Polyethylenterephthalat
PET	Positronen-Emissions-Tomographie, Positron Emission Tomography
PET	Productivity Enhancement Technology Transfer
PETA	People for the Ethical Treatment of Animals
PETAL	Petwatt Aquitaine Laser (for HiPER, planned for 2011)
PETG	Polyethylenterephthalat mit Glykol
PETM	Paleocene–Eocene Thermal Maximum/Paläozän–Eozän–Temperaturmaximum (Erderwärmung/earth warming)
PETRA	Positron-Elektron-Tandem-Ring-Anlage (DESY)
PETS	Power Extraction and Transfer Structures (for the International Linear Collider)
PF	Particle Filter (ocean acoustics)
PF	Petaflops/s
PF	Französisch-Polynesien/French Polynesia (ISO 3166)
PFA	Probability of False Alarm
PFAU	Programm zur finanziellen Absicherung von Unternehmensgründern aus Hochschulen
PFC	Perfluorcarbon
PFC	Power Factor Correction (airplane electrification)
PFD	Power Flux Density
PfD	Publisher for Development (conference)
PFE	Power Feeding Equipment
PFEP	Princeton Fellowship in Experimental Physics (USA)
PFH	Private Fachhochschule
PFI	Partner-Furnished Items (Satelliten/satellite system)
PFI	Private Finance Initiative
PFM	Piezoresponse Force Microscopy
PFOA	Perfluorooctansäure
PFOS	Perfluorooctansulfonsäure
PFP	Picture Failure Point (Telekommunikation/telecommunication)
PFT	Palomar Transient Factory (Supernova search)

PG	Papua-Neuguniea/Papua New Guinea (ISO 3166)
PG	Peer Group
PGA	Pin Grid Array (Chipgehäuse/electronic-chip box)
PGA	Polyglykolid
PGAS	Partitioned Global Address Space (multicore computers)
PGI	Programmable Generic Interface
PGO	[Hirn-Zellkomplex: pons, corpus geniculatum, occiput]
PGP	Personal Genome Project
PGP	Pretty Good Privacy
PGSA	Physics Graduate Student Association
PGSA	Poly-Glycerin-Sebacat-Acrylat (elastischer Kunststoff/an elastic polymeric material)
PGzB	Physikalische Gesellschaft zu Berlin
PH	Philippinen/Philippines (ISO 3166)
PH	Pulmonale Hypertonie (Lungenhochdruck)
PHA	Polyhydroxyalkanoat
PHARE	Poland and Hungary Action for Economic Restructuring
PhAST	Photonic(s) Applications, Systems, and Technologies (Conference)
PHB	Per-Hop Behavior
PHB	Polyhydroxybutyrat(e)
Ph.D.	Philosophiae Doctor, Doctor of Philosophy
PHENIX	Pioneering High Energy New Ion (or: Nuclear Interaction) Experiment (RHIC)
PHERES	Printed Circuit Boards for Higher Frequency Systems (Elektronik/electronics)
PHEV	Plugin Hybrid Electric Vehicle
PHGEN	Public Health Genomics European Network
PHI	Planbasierte Hilfesysteme
PHI	Public (or: Protected) Health Information
PH-ILD	Pulmonale Hypertonie mit interstitieller Lungenerkrankung
PHIP	Parahydrogen-Induced Polarization
PHM	Prognostics and Health Managment
Phorce21	Photonics Research Coordination Europe – Photonics 21
PHP	Hypertext Processor (Telekommunikation/telecommunication)
PHS	Packet Header Suppression (Telekommunikation/telecommunication)
PHS	Personal Handyphone System
PHS	Peripheral High Speed (Bus)
PHT	plötzlicher Herztod
PHY	Physical Layer (DECT)
PhysTEC	Physics Teacher Education Coalition
PHz	Petahertz (= $10^{15}$ Hz)
PI	Peer Instruction (educational concept)
PI	Perimeter Institute (for Theoretical Physics, Waterloo, ON, CA)
PI	Principal Investigator
PI	Proportional–Integral (Control), Proportional–Integral (Regelung)
PIA	Photonic Integrated Amplifier (optische Telekommunikation/optical telecommunication)
PIA	Positronen-Intensitäts-Akkumulator (DESY)
PIAAC	Programme for the International Assessment of Adult Competencies
PIAFE	Projet d'Ionisation et d'Accélération de Faisceaux Exotiques (Grenoble, FR)
PIANO	Perturbation Investigation of Aerodynamic Noise
PIC	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PIC	Particle-in-Cell (plasma simulation)
PIC	Photonic Integrated Circuit
PICA	Advanced Picometric Resolution Project (ER-C)
PICA	Phenolic Impregnated Carbon Ablator (Material für Raumfahrzeug-Hitzeschild/material for spacecraft heat shield)
PICA	Picosecond Imaging Circuit Analysis
PICH	Pilot Channel (Telekommunikation/telecommunication)
PICS	Protocol Implementation (or: Instance) Conformance Statement (Telekommunikation/telecommunication)
PICU	Pediatric Intensive Care Unit
PID	Packet Identifier (Telekommunikation/telecommunication)
PID	Präimplantationsdiagnostik (Genetik/genetics)
PID	Proportional, Integral, Derivative (Control), Proportional–Integral–Differential (Regelung)
PIDA	Photonics Industry and Technology Development Association (Taiwan)
PIDC	Prototype International Data Center (Arlington, VA, USA)
PIEMAN	Photonic Integrated Extended Metro and Access Network (EU Project, optische Telekommunikation/optical telecommunication)
PIF	Pooled Income Fund (ASFF)
PIG	Pipeline Inspection Gauge
PII	Publisher Item Identifier
PIINTEC	Pyongyang International Information Center of New Technology and Economy (North Korea NGO)
PIK	Potsdam-Institut für Klimafolgenforschung
PIK	Praxis der Informationsverarbeitung und Kommunikation (Zeitschrift)
PIL	Polarity Inversion Line (solar corona)
PIL	Processor-in-the-Loop
PiLoNav	Precise and Integer Localisation and Navigation in Rail and Inlandwater Traffic
PILZ	Pilotprojekt Interdisziplinäres Lernen und Zusammenarbeit (Univ. Göttingen)
PIM	Personal Information Manager (or: Management) (Telekommunikation/telecommunication)
PIM	Processes in Isotopes and Molecules (Conference series)
PImMS	Pixel Imaging Mass Spectroscopy
PIMMS	Photonic Integrated-Multimode Microspectrograph
PIMRC	[IEEE International Symposium on] Personal, Indoor and Mobile Radio Communications

PIMS	Process Information Management System
PIM-SM	Protocol Independent Multicast – Sparse Mode (Internet)
PIN	Personal Identification Number, persönliche Identifikationsnummer
PIN	[Photodiode aus 3 Schichten/three-layer photodiode: 'p'-type, 'i'ntrinsic, 'n'-type semiconductor], Positive-Intrinsic-Negative
PINET	Physics Information Network
PINGU	Precision Icecube Next Generation Upgrade (University of Alabama, USA)
PINSE	Petersen Institute of Nanoscience and Engineering (University of Pittsburgh, PA, USA)
PINT	PSTN/Internet Interworking Group (Internet)
PIO	Public Information Officer
PIOC	Pilot Innovation Office China (Shanghai)
pIOD	Positive Indian Ocean Dipole (meteorology)
PIONIER	Precision Integrated-Optics Near-Infrared Imaging Experiment (at LAOG)
PIP	Picture in Picture (TV: kleines Zusatzbild von anderem Sender/small insert from a different channel)
PIPA	Protect IP Act
PIPEDA	Personal Information Protection and Electronic Documents Act (CA)
PIPS	Passivated, Implanted, Planar Silicon (Detektoren/detectors)
PIR	Peak Information Rate
PIR	Polyisocyanurat
PIRATE	Physics Innovations Robotic Astronomical Telescope Explorer
PIRE	Partnership for International Research and Education (West Virginia University, USA)
PISA	Programme for International Student Assessment
PISM	Parallel Ice Sheet Model
PITTCON	Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy
PITT PACC	Pittsburgh Particle Physics, Astrophysics and Cosmology Center (University of Pittsburgh, PA, USA)
PIU	produktionsintegrierter Umweltschutz
PIV	Particle Image Velocimetry
Piwi	P-Element Induced Wimpy Testis (Protein)
PIXE	Proton-Induced X-Ray Emission
PIXIT	Protocol Information Extra Implementation for Testing (Telekommunikation/telecommunication)
PIZ	Projektförderung in der internationalen Zusammenarbeit (DLR)
$\pi/4$ DQPSK	$\pi/4$ Rotated Differential Quaternary Phase Shift Keying (Telekommunikation/telecommunication)
PJ	Periodic Jitter (Telekommunikation/telecommunication)
PK	Pakistan (ISO 3166)
PKC	Public-Key Cryptography
PKE	Plasma-Kristall-Experiment (DLR - RU)
PKE	Pluto-Kuiper Express (Raumfahrt-Projekt/spacecraft project)
PKI	Public (or: Private) Key Infrastructure (Telekommunikation/telecommunication)
PKM	Parallel Kinematic Machine (Robotik/robotics)
PKP	Public Knowledge Project
PKS	Physik komplexer Systeme
PKU	Peking University (CN)
PKV	Verband der Privaten Krankenversicherung
PKY	Parkway (US Mail)
PL	Photoluminescence, Photolumineszenz
PL	Place (US Mail)
PL	Polen/Poland (ISO 3166)
PL	Procedural Language (programming language)
PLA	Paperless Lab Academy
PLA	Poly lactid(acid) (Polymilchsäure)
PLANET	Probing Lensing Anomalies Network (Astrophysik: Gravitationslinsen/astrophysics: gravitational lenses)
PLASTIC	Plasma and Suprathermal Ion and Composition (Sonnenphysik/solar physics)
PLATO	Planetary Transits and Stellar Oscillations of Stars (planned search for exoplanets, ESA, start 2024)
PLATO	Plateau Observatory (Antarctica)
PLC	Packet Loss Concealment (Telekommunikation/telecommunication)
PLC	Planar Lightwave Circuit (Photonik/photonics)
PLC	Powerline Communication
PLC	Programmable Logic Controller
p.l.c.	public limited company (UK)
PLCCO	$\text{Pr}_{0,88}\text{LaCe}_{0,12}\text{CuO}_{4-\delta}$ (Hochtemperatursupraleiter/high-temperature superconductor)
PLCP	Physical Layer Convergence Protocol (Telekommunikation/telecommunication)
PLD	Pulsed Laser Deposition
PLdB	Mark VII Perceived Loudness in dB
PLDIU	Payload Distribution and Interface Units (Satellitentechnik/satellite technology)
PLE	Photolumineszenz-Anregungsspektroskopie
PLED	Polymeric Light-Emitting Diode
PLL	Phase-Locked Loop
PLM	Product Lifecycle Management, Produkt-Lebenszyklus-Management
PLMN	Public Land Mobile Network (Telekommunikation/telecommunication)
PLO	Phase-Locked Oscillator
PLOAM	Physical Layer Operations, Administration and Maintenance (optische Telekommunikation/optical telecommunication)
PLoS, PLOS	Public Library of Science
PLP	Perceptual Linear Prediction
PLP	Phantom Limb Pain
PLP	Physical Layer Pipe (Telekommunikation/telecommunication)
PLR	Point of Local Repair
PLS	Publishers Licensing Society
PLSA	Probabilistic Latent Semantic Analysis (Sprachverarbeitung/speech processing)

PLSB	Provider Link State Bridging (Telekommunikation/telecommunication, Ethernet)
PLSV	Polar Satellite Launch Vehicle
PLT	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PLT	Polar Large Telescope (geplant/planned)
PLT	Princeton Large Experiment (Fusionsreakorteknik/fusion reactor technology, PPPL)
PluTO	Plasma und optische Technologien (BMBF-Verbundprojekt)
PLZ	Plaza (US Mail)
PLZ	Postleitzahl
PM	Pentamode Material (acoustic metamaterial)
PM	Performance Monitoring
PM	Perona-Malik (Diffusionsgleichung/diffusion equation)
PM	Phasenmodulation
PM	Photomultiplier (tube)
PM	St. Pierre et Miquelon (ISO 3166)
PMA	Porphol-Myristat-Acetat
PMAS	Potsdamer Multi-Apertur Spektralphotometer
PMB	Polarization Mode Dispersion
PMC	Personal Mobile Communicator
PMC	Phys Math Central (open access Internet Journal)
PMC	PubMed Central (biomedical and life sciences journal free archive)
PMCA	Protein Misfolding Cyclic Amplification
PMD	Polarization-Mode Dispersion (Glasfasernetz/glass fiber net)
PMD	Portable MAC Identity for Display (DECT)
PMEM	permanentterregte elektrische Maschine
PMet	Professional Meteorologist (Canada's certification)
PMF	Polarization Maintaining Fiber (optische Telekommunikation/optical telecommunication)
PMI	Postmortem-Intervall (Forensik)
PMI	Precoding Matrix Indicator (data transmission)
PML	Perfectly Matched Layer (Körperschallausbreitung/propagation of structure-borne sound)
PMLB	Plans Municipaux de Lutte contre le Bruit
PMLS	Posteromedial Lateral Suprasylvian Area (im Gehirn/in the brain)
PMMA	Polymethylmethacrylat
PMN-PT	Lead Magnesium Niobate–Lead Titanate
PMO	Pine Mountain Observatory (University of Oregon, USA)
PMO	Program Management Office
PMOLED	Passive Matrix Organic Light-Emitting Diode
PMOS	P-Channel MOS
PMP	Point-to-Multipoint (Telekommunikation/telecommunication)
PMR	Professional (or: Private) Mobile Radio (UHF: 446.0–446.1 MHz)
PMRF	Pacific Missile Range Facility (US Navy)
PMS	Portable Monitoring System (Telekommunikation/telecommunication)
PMS	Puls-Magnetron-Sputtern (Dünne Schichten/thin layers)
PMSJ	Physico-Mathematical Society of Japan
PMSM	permanentmagneterregter Synchronmotor
PMSS	Polymethylsilsesquioxan $[\text{Si}(\text{CH}_3)\text{O}_{1,5}]_n$
PMT	Photomultiplier Tube
PMT	Program Map Table (Telekommunikation/telecommunication)
PMUT	Piezoelectric Micromachined Ultrasonic Transducer
PMV	Predicted Mean Vote
PMW	Project Management Workbench
PN	Pitcairn (ISO 3166)
PN	Pseudo-Random Noise (Telekommunikation/telecommunication)
PNA	Peptide Nucleic Acid
PNAS	Proceedings of the National Academy of Sciences (USA)
PnC	Phononic Crystal
PNE	Peaceful Nuclear Explosion
PNG	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
PNGV	Partnership for a New Generation of Vehicles
PNI	Psychoneuroimmunologie
PNNI	Private Network-Node (or: -Network) Interface (Internet)
PNNL	Pacific Northwest National Laboratory (Washington State University, Richmond, WA, USA)
PNO	Private Network Operator
PNP	Polyneuropathie
PNP	Purinnucleosid-Phosphorylase
PNR	Product Noise Rating
PNS	Peripheral Nervous System
PNT	Position, Navigation and Time (DLR measuring system)
PNU	Physics News Update (USA)
PNVG	Partnership for a New Generation of Vehicles
POC	Particulate Organic Carbon
POC	Point of Care
POC	Point of Concentration (Telekommunikation/telecommunication)
PoC	Proof-of-Concept
PoC	Push(-to-Talk) over Cellular (Mobiltelefone/mobile phones)
PoCL	Power-over-Camera Link (Kamera-Stromversorgung/camera power supply)
POCS	Projection onto Convex Set (Bildverarbeitung/picture processing)
POD	Print on Demand
POD	Proper Orthogonal Decomposition



POEM	Programme for Observation of the Earth and its Environment
POETS	Power Optimization of Electro-Thermal Systems
POF	Polymer (or: Plastic) Optical Fiber
POFTO	Plastic Optical Fiber Trade Organization
POG	Personal Office Gateway
POI	Point of Interest (Telekommunikation/telecommunication)
POI	Probability of Intercept (Telekommunikation/telecommunication)
POINTS	Precision Optical Interferometer in Space
POLARCAT	Polar Study Using Aircraft, Remote Sensing, Surface Measurements and Models, of Climate, Chemistry, Aerosols and Transports
POLLENS	Platform for Open, Light, Legible and Efficient Network Services (Telekommunikation/telecommunication)
POLO	[Fraunhofer-Themenverbund] Polymere Oberflächen
POLSTRACC	The Polar Stratosphere in a Changing Climate (Research project for HALO)
POLY	Polymeric Materials for Microelectronics and Photonics (Congress)
POMA	Proceedings of Meetings on Acoustics (Acoustical Society of America, online Journal)
POMC	Proopiomelanocortin-Zellen
PON	Passive Optical Network (optische Telekommunikation/optical telecommunication)
PONS	Prometheus Orthonormal System
POP	Persistent Organic Pollutant
POP	Point of Presence (Internet)
POP	Point of Purchase (Verkaufsstrategie/sales strategy)
POP	Post Office Protocol (E-Mail Server)
POPA	Panel on Public Affairs (APS)
POPP	Panel on Public Policy (Acoustical Society of America)
PoS	Packet over SONET (or: SDH)
POS	Part-of-Speech (Sprachverarbeitung/speech processing)
POS	Point of Sale (Verkaufsstrategie)
POSIX	Portable Operating System Interface (Telekommunikation/telecommunication)
POSME	Principle of Supercritical Microemulsion Expansion
POST	Parliamentary Office of Science and Technology (UK)
POSTECH	Pohang University of Science and Technology (South Korea)
PostEurop	Association of European Public Postal Operators
POTS	Plain Old Telephone Service (or: System)
POW	Prisoner of War
PP	Point to Point (Telekommunikation/telecommunication)
PP	Polypropylen
PP	Portable Part (z.B. Handset) (DECT)
PPA	Power Purchase Agreement
PPA	Princeton-Pennsylvania Accelerator (proton synchrotron, since 1963)
PPA	Professional Publishers Association (UK)
PPA	Public Policy and Administration (Journal)
PPADC	Pulse Processing Analog-to-Digital Converter
PPARC	Particle Physics and Astronomy Research Council (London, UK)
PPAU	Packet Processor and Access Unit
ppb	parts per billion, $10^{-9}$
PPBE	Plans de Prévention du Bruit dans l'Environnement
ppbm	parts per billion by mass
ppbv	parts per billion by volume
PPC	Photovoltaic Power Converter (optische Telekommunikation/optical telecommunication)
PPD	Posterior Probability Density
PPD	Predicted Percentage of Dissatisfied
PPDU	PLCP Data Unit (Telekommunikation/telecommunication)
PPF	Positive Position Feedback
PPF	Print Production Format
PPF	Private Project Financing (Eisenbahntechnik/railway technology)
PPG	Pacific Proving Ground (Atombomben-Testgebiet/atomic bombs test site)
PPI	Plane Position Indication (sonar technology)
PPL	Passive Photonic Loop
PPLN	Periodically-Poled Lithium Niobate (Wellenleiter/waveguide)
ppm	parts per million, $10^{-6}$
PPM	Photonic Power Module (optische Telekommunikation/optical telecommunication)
PPM	Pulse Position Modulation
PPMS	Physical Property Measurement System
PPN	Parametricized Post-Newtonian (Gravitationstheorie/theory of gravitation)
PPN	Personal Private Network (Telekommunikation/telecommunication)
PPP	Point-to-Point Protocol (Telekommunikation/telecommunication)
PPP	Polyetherpolycarbonat-Polyole
PPP	Poly(p-Phenylen)
PPP	Public/Private Partnership (Telekommunikation/telecommunication)
PPPL	Princeton Plasma Physics Laboratory (Fusionsreaktortechnik/fusion reactor technology)
PPPoA	Point-to-Point over Asynchronous Transfer Mode (Telekommunikation/telecommunication)
PPPoE	Point-to-Point over Ethernet (Telekommunikation/telecommunication)
PPPoUSB	Point-to-Point over Universal Serial Bus (Telekommunikation/telecommunication)
PPR	Pflegepersonalregelung
PPS	Pavement Profile Scanner (Straßenbau/street construction)
PPS	Prepaid Postpaid Suite (Handy/Mobile Phone)
PPS	The Polish Physical Society
PPS	Polymer Processing Society

PPS	Precision Positioning Service (GPS)
PPS	Programmable Pulse Stimulus
PPS	Pulses per Second (Telekommunikation/telecommunication)
ppt	parts per trillion, $10^{-12}$
PPT	[Dateinamenerweiterung: Microsoft PowerPoint-Datei/file name extension: Microsoft PowerPoint file]
PPTA	Parks Pulsar Timing Array (Australia)
PPTP	Point-to-Point Tunneling Protocol (Internet)
PPV	Pay-per-View (scientific publication)
PPV	Poly(p-Phenylene Vinylen)
PPVPN	Provider-Provisioned Virtual Private Network (Telekommunikation/telecommunication)
PQ	Performance (or: Process) Qualification
PQ	Priority Queue
PQ	Québec (Province of Canada)
pQCD	Perturbative Quantum Chromodynamics
pQCT	periphere quantitative Computertomographie
PQI	Pittsburgh Quantum Institute
PR	Physical Review (Journal)
PR	Public Relations
PR	Puerto Rico (ISO 3166)
PRA	Primary Rate Access (ISDN)
PRACE	Partnership for Advanced Computing in Europe (EU project)
PRACLAY	Preliminary Demonstration Test for Clay Disposal of High-Level Radioactive Waste (planned for 2010 at Mol, BE)
Prakla	Gesellschaft für praktische Lagerstättenforschung
PRAM	Phase-Change Random Access Memory
PRBS	Pseudorandom Bit (or: Binary) Sequence
PRC	Physics Resources Center (AIP)
PRC	Primary Reference Clock (Telekommunikation/telecommunication)
PRDC	Polymer Research and Development Center (Shanghai, CN)
PRE	Peer Review Evaluation
PRE	Physical Review E (journal for statistical, nonlinear, and soft matter physics)
PRFM	Piezo Response Force Microscopy
PRI	Primary Rate Interface (Telekommunikation/telecommunication)
PRIF	Peace Research Institute Frankfurt
PRiMaT	Präventives Risikomanagement in der Trinkwasserversorgung
PRIME	Privacy and Identity Management for Europe (EU project)
PRIME	Produktions- und Projektionstechniken für Immersive Medien (3D-TV)
PRIME	Purdue Rare Isotope Measurement (Laboratory) (Purdue University, West Lafayette, IN, USA)
PRINT	Particle Replication in Nonwetting Templates
PRIO	Peace Research Institute (NO)
PRISE	Privacy Enhancing Shaping of Security Research and Technology (EU, 4 partners in 4 countries: AT, DE, DK, NO)
PRISMA	Precision Physics, Fundamental Interactions and Structure of Matter (at JGU)
PRK	Photorefraktive Keratektomie (Augenchirurgie/eye surgery)
PRL	Physical Review Letters
PRN	Pseudo-Random Noise
PRO	Public Record Office
ProcPoS	Proceedings of Peerage of Science (Journal)
ProDes	Promotion of Renewable Energy for Water Production through Desalination
PRODEX	Programme de Développement d'Expériences Scientifiques (ESA program)
PROLA	Physical Review Online Archive
PROLOG	Programming in Logic
PROM	Programmable Read-Only Memory
PROMED	Program to Monitor Emerging Diseases
PROMETHEUS	Programme for a European Traffic with Highest Efficiency and Unprecedented Safety
PrP	Prion-Protein
PRR	Pattern Recognition Receptor
PRRS	Porcine Reproductive and Respiratory Syndrome (Schweinevirus-Infektion)
PRRT	Peptid-Rezeptor-Radionuklid-Therapie (Krebstherapie)
PRS	Packet Ring Switch (Telekommunikation/telecommunication)
PRS	Position Reference Signal
PRS	Program Request Service (Telekommunikation/telecommunication)
PRS	Public Regulated Services (Galileo)
PRT	Personal Rapid Transport (führerloser Personentransfer auf Flughäfen/driver-free transport on airports)
PRT	Precomputed Radiance Transfer (Bildsimulation/picture simulation)
PRUAC	Pacific Rim Underwater Acoustics Conference
PS	Packet Switched (Telekommunikation/telecommunication)
PS	Palästina/Palestinian Territory (ISO 3166)
PS	Paradoxical Sleep
PS	Parametric Stereo
PS	Phone Splitter
PS	Polystyrol, Polystyrene
PSA	Plataforma Solar de Almería (Solarkraftwerk/solar power plant, ES)
PSA	Polysaccharid A
PSA	Pressure Sensitive Adhesive
PSA	Prostata-spezifisches Antigen
PSAB	Physics, Space and Astronomy Board (UK)
PSAC	The President's Advisory Committee (USA)
PSAM	Pilot Symbol Assisted Modulation (Telekommunikation/telecommunication)
PSAP	Public Safety Answering Point (Telekommunikation, Notrufzentrale/telecommunication, emergency call center)

PSAT	Pop-Up Satellite Archival Transmitter
PSBT	Phase Shifted Binary Transmission (Telekommunikation/telecommunication)
PSC	Pension Support Centre (zur Förderung der Mobilität von Forschern in Europa)
PSC	Personal Supercomputer (seit/since 2006)
PSC	Pittsburgh Supercomputing Center (USA)
PSC	Polar Stratospheric Cloud (Ozonloch/hole in the ozone layer)
PSCE	Presidential Specialized Council for Education and Scientific Research (Egypt)
PSCF	Pure Silica Core Fiber (optische Telekommunikation/optical telecommunication)
PSD	Position-Sensing Detector
PSD	Power Spectral Density
PSE	Personal Service Environment (Telekommunikation/telecommunication)
PSE	Plasma Surface Engineering
PSE	Programm- und Systementwicklung
PSE	Pulse Shape Equalization (Laser)
PSF	Point Spread Function
PSG	Programmable Sound Generator
PSI	Paul Scherrer Institut (Villingen, CH)
PSI	Persistente Streuungsinterferometrie
PSI	Phasenschiebende Interferometrie
PSI	Photon Science Institute (Manchester, UK)
PSI	Planetary Science Institute (Tucson, AZ, USA)
PSI	Program Specific (or: Service) Information
PSI	Programmable Serial Interface
PSID	Panel Study of Income Dynamics (USA)
PSJ	The Physical Society of Japan
PSK	Phase Shift Keying (Modulation)
PSLV	Polar Satellite Launch Vehicle
PSM	Performance Scale Messaging
PSM	Power Supply Module
PSM	Professional Science Master
PSNR	Peak Signal-to-Noise Ratio
PS-NSOM	Phase-Sensitive Near-Field Scanning Optical Microscope
PSOLA	Pitch-Synchronous Overlap Add (Sprachsynthese/speech synthesis)
PSP	Pressure Sensitive Paint
PSP	Professional Scholarly Publishing Division of the Association of American Publishers
PSPC	[positionsempfindlicher Proportionalzähler] (Röntgensatellit/X-ray satellite)
PSQM	Perceptual Speech Quality Measure (Telekommunikation/telecommunication)
PSR	Permanent Shadowed Region (of the Moon)
PSR	Precision Segmented Reflector (Satelliten/satellites)
PSS	Packet Streaming Service (Telekommunikation/telecommunication)
PSS	Personalized Service Selector (Telekommunikation/telecommunication)
PSS	Position Sensor Simulation
PSS	PSTN Simulation (Telekommunikation/telecommunication)
PSSC	Physical Sciences Study Committee (USA)
PSSC	Product and Solution Support Center (IBM, Montpellier, FR)
PST	[Fraunhofer-] Patentstelle für die Deutsche Forschung (München)
PSTH	Post-Stimulus Time Histogram (behavioral physiology research)
PSTM	Photon Scanning Tunneling Microscope
PSTN	Public Switched Telephone Network (Öffentliches Fernsprechnetz)
PSTS	Polish Speech Test Signal
PSTVd	Potato Spindle Tuber Viroid (Genetik/genetics)
PSU	Pennsylvania State University (USA)
PSU	Portland State University (USA)
PT	Portugal (ISO 3166)
P&T	Partitioning and Transmutation (of nuclear waste)
PTA	Perkutane Transluminale Angioplastie
PTA	Personal Travel Assistant
PTA	Pharmazeutisch-technische(r) Assistent(in)
PTA	Physikalisch-technische(r) Assistent(in)
PTA	Polskie Towarzystwo Akustyczne
PTA	Pulsar Timing Array (astronomy)
PTA	Pure Tone Average (acoustics)
PTAP	Photonics Technology Access Programme
PTB	Physikalisch-Technische Bundesanstalt (Braunschweig, ab/since 1949, vorher/formerly: PTR)
PTBS	Posttraumatische Belastungsstörung (Medizin/medicine)
PTC	Phenylthiocarbamid (ein pflanzlicher Bitterstoff)
PTC	Psychophysical Tuning Curve
PTCA	perkutane transluminale Coronar-Angioplastie (Chirurgie/surgery)
PTCN	Physics Today Career Network (AIP)
PTCRB	PCS Type Certification Review Board (Mobilfunk/mobile radio)
PTE	Physics Teacher Education (Illinois State University program)
PTF	Palomar Transient Factory (astrophysics)
PTFE	Polytetrafluoreth(yl)en
PTI	Physikalisch-Technisches Institut (ehem./former DDR, Jena)
PTM	Polynomial Texture Map
PTM	Posttranslational Modification (biomedicine)
PTMT	Point to Multi-Point (Telekommunikation/telecommunication)
p.t.o.	please turn over (= b.w.)

PTO	Public Telecommunications Operator
PTOL	Physics Today Online (Journal)
PtP	Peer-to-Peer (Telekommunikation/telecommunication)
PTP	Point to Point (Telekommunikation/telecommunication)
PTR	Physikalisch-Technische Reichsanstalt (Berlin, 1887–1948, später/after on: PTB)
PTRA	Physics Teaching Resource Agents
PTS	Part-Time-Scientists (deutsch-österreichische Ingenieurgruppe für Mondrover-Mission)
PTS	Permanent Threshold Shift (Gehör/in hearing)
PTS	Phosphotransferase System
PTS	Presentation Time Stamp (Telekommunikation/telecommunication)
PTS	Protein Tracking System
PTSD	Post-Traumatic Stress Disorder (Medizin/medicine)
PTSP	PNNI Topology State Packet (Telekommunikation/telecommunication)
PTT	Post, Telegraph and Telephone
PTT	Push-to-Talk (Telekommunikation, Mobiltelefone/telecommunication, mobile phones)
PTV	Projection Television
PTV	Push-to-View (Telekommunikation/telecommunication)
PTZ	Produktionstechnisches Zentrum (FhG, Berlin)
PU	Perceived Usefulness
PU	Polyurethan, Polyurethane
PU	produktintegrierter Umweltschutz
PUB	[Dateinamenerweiterung: Microsoft Publisher-Datei/file name extension: Microsoft Publisher file]
PUC	Pontifical Catholic University (Santiago de Chile)
PUCRS	Pontifícia Universidade Católica do Rio Grande do Sul (Brazil)
PUE	Power Usage Effectiveness
PUF	Physical Unclonable Functions
PUFA	Polyunsaturated Fatty Acids (mehrfach ungesättigte Fettsäuren)
PUK	Personal Unlocking Key
PULSAR	Pump Laser Stacks with Aerospace Reliability (EU-Programm)
PULSE	Program in Ultrafast Laser Science and Engineering (DARPA)
PUMA	Dreiachsenspektrometer mit Polarisationsanalyse und Multi-Analysator
PUMC	Peking Union Medical College
PUNE	Peaceful Uses of Nuclear Energy
PUR	Plutonium and Uranium Extraction (radioaktiver Abfall/radioactive waste)
PUR	Polyurethan, Polyurethane
PUREX	Plutonium and Uranium Recovery by Extraction
PUSC	Partial Usage of Subchannels, Partially Utilized Subchannel Allocation (or: Subchannelisation) (Telekommunikation/telecommunication)
PUSD	Permanent Undersecretary's Department (UK)
PUSH	Partnernetz für Unternehmensgründungen aus Stuttgarter Hochschulen
PUSH	Public Understanding of the Sciences and Humanities
PV	Photovoltaik, Photovoltaics
PV	Present Value
PVA	Polyvinyl Alcohol, Polyvinylalkohol
PVB	Polyvinyl Butyral
PVC	Permanent Virtual Circuit (or: Channel) (Rechnernetz/computer network)
PVC	Polyvinylchlorid
PVD	Physical Vapor Deposition
PVDF	Polyvinylidenfluorid
PVDI	[Fraunhofer-] Photovoltaic Module Durability Initiative
PVGIS	Photovoltaic Geographical Information System
PVK	Poly-N-vinylcarbazol
P-VLAN	Provider VLAN (Telekommunikation/telecommunication)
PVM	Parallel Virtual Machine (Parallelrechner/parallel computer)
PVR	Personal Video Recording (or: Recorder)
PVSC	[IEEE] Photovoltaic Specialists Conference
PVT	Polyvinyl Toluene (Strahlungsnachweis/radiation monitoring)
PvT	Power versus Time (Telekommunikation/telecommunication)
PV-TEC	Photovoltaik Technologie Evaluations Center (FhG-ISE)
PV-4D	Parallele Visualisierung in vier Dimensionen
PW	Palau (ISO 3166)
PW	Photonics West (Conference and Exhibition, USA)
PW	Pseudo Wire (Telekommunikation/telecommunication)
PWAM	Pilot Waveform Assisted Modulation (Datenübertragung/data transfer)
PWE3	Pseudo Wire Emulation Edge to Edge (Telekommunikation/telecommunication)
PWFA	Plasma Wakefield Accelerator
PWI	Preliminary Work Item
PWLAN	Public Wireless LAN (Telekommunikation/telecommunication)
PWM	Pulse Width Modulation
PWR	Pressurized-Water Reactor (Kernreaktor/nuclear reactor)
PWT	Private Wireless Telephony (Telekommunikation/telecommunication)
PXI	PCI Extensions for Instrumentation
PXP	Peer X-Press (AIP)
PY	Paraguay (ISO 3166)
P/Y	Precision Encrypted (GPS)
PyC	Pyrokohlenstoff
PYCO	[Fraunhofer-] Einrichtung für Polymermaterialien und Composite
PZ	Panama-Kanalzone/Panama Canal Zone (ISO 3166 bis/until 1980)

PZEV Partial Zero Emission Vehicle  
 PZN Pharmazentralnummer  
 PZR Professionelle Zahnreinigung  
 PZT Lead Zirconate Titanate, Blei-Zirkonat-Titanat  
 P2IL Pathways to Information Leadership  
 P2M Point-to-Multipoint (Telekommunikation/telecommunication)  
 P2P Peer-to-Peer  
 P2P Point-to-Point (Telekommunikation/telecommunication)  
 P2W Powered Two-Wheelers (motorcycles etc.)  
 P4 Plug-and-Play Pharma Package (LIMS)  
 P5 Particle Physics Project Prioritization Panel

## Q

Q Q-Factor, Quality Factor, Gütefaktor  
 QA Qatar (ISO 3166)  
 QA Quality Assurance  
 Q&A Questions and Answers  
 QAA Quality Assurance Agency (UK)  
 QALY Quality-Adjusted Life Years  
 QAM Quadrature Amplitude Modulation  
 QAR Quantitative Autoradiography (Medizin/medicine)  
 QAS Quality Assurance System  
 QAU Quaid-i-Azam University (Islamabad, Pakistan)  
 QAU Quality Assurance Unit  
 QBD, QbD Quality by Design  
 QBD Quasi-Birth-and-Death  
 QBER Quantum Bit-Error Rate  
 QBismus Quantum Bayesianism, Quanten-Bayesianismus  
 QBO Quasi-Biennial Oscillation (Meteorologie/meteorology)  
 QC Quad-Core-Processor  
 QC Quality Control  
 QC Quantum Cryptography  
 QCD Quantum Capacitance Detector  
 QCD Quantum Chromodynamics, Quantenchromodynamik  
 QCITY Integrated Project Quiet City Transport (EC)  
 QCL Quantum Cascade Laser  
 QCMC Quantum Communication, Measurement and Computing  
 QCM-D Quartz Crystal Microbalance with Dissipation Monitoring  
 QCP Quantum Critical Point  
 QCR Quantum-Circuit Refrigerator  
 Q-CROC Quebec-Clinical Research Organization  
 QCT Quantitative Computer Tomography, Quantitative Computertomographie  
 QCW Quasi-Continuous Wave (Diodenlaser/diode laser)  
 QCWA Quarter Century Wireless Association (USA)  
 QD Quantum Dot  
 QDL Quantum Dot Laser  
 QDR Quad Data Rate (10 Gb/s)  
 QE Quantum Efficiency (Photosensor/optical sensors)  
 QEC Queen Elizabeth Class (aircraft carrier, GB)  
 QED Quantenelektrodynamik  
 qed quod erat demonstrandum (= was zu beweisen war)  
 QELS Quantum Electronics and Laser Science (Conference)  
 QEM Quantum Electron Microscope  
 QEOD Quantum Electronics and Optics Division (EPS, European Physical Society)  
 QFC Quantum Frequency Conversion  
 QFD Quality Function Deployment  
 QFL Quantum Fountain Laser  
 QFT Quantenfeldtheorie, Quantum Field Theory  
 QGP Quark-Gluon Plasma  
 QH Quantum Hall (Zustand/state)  
 QHE Quantum Hall Effect, Quanten-Hall-Effekt  
 QHR Quantum Hall Resistance  
 QI Quantitative Imaging (for atomic force microscopy, AFM)  
 QI Quantum Illumination  
 QIM Quantization Index Modulation (Wasserzeichen/watermarking)  
 QIS Quantum Information Science  
 QIS Quantum Information Systems (research group at GTRI)  
 QKD Quantum Key Distribution (Kryptographie/cryptography)  
 QLN Quiet Line Noise (Rauschpegel ohne Signal)  
 QLS Quasilichtspeicherung, Quasi-Light Storage  
 QM Quality Management, Qualitätsmanagement  
 QM Quantum Magnetism  
 QM Quantum Mechanics, Quantenmechanik  
 QMC Quanten-Monte-Carlo (-Technik/technique)  
 QMRA quantitative mikrobiologische Risikobewertung  
 QMS Quality Management System  
 QMS Quasi-monokristalline Siliziumschicht  
 QMUL Queen Mary University of London

QND	Quantum Nondemolition (measurement) (rückwirkungsfreie Quantenmessung)
QNM	Quantitative Nanomechanical Property Mapping
QoE	Quality of Experience
QOS, QoS	Quality of Service
QP	Quadratic Programming (algorithm)
QPACE	QCD Parallel Computing on the Cell (supercomputer)
QPASS	Quick Personal Automatic Safe Screening
QPC	Quantum Point Contact
QPI	Quantitative Phase Imaging
QPO	Quasi-Periodic Oscillations (Röntgensterne/X-ray stars)
QPQ	Quantum Private Query
QPSK	Quadrature (or: Quaternary) Phase Shift Keying (Modulation)
qPSNR	Quasi Peak Signal-to-Noise Ratio
QR	Quadratic Residue (number theory)
QR	Quick Response (quadratic reference field)
QRY	[Dateinamenerweiterung: Microsoft Datenbank-Abfrage/file name extension: Microsoft data bank query]
QSAR	Quantitative Structure-Activity Relation(ship) (Chemie/chemistry)
QSH	Quantum Spin Hall (Zustand/state)
QSIG	Q Interface Signaling
QSL	Quantum Spin Liquid
QSM	Qualitative Software Metrics
QSO	Quasi-Stellar Object, quasistellares Objekt
QSP	Quiet Supersonic Platform
QSR	Qualitätssicherung mit Routinedaten (Medizin)
QSVD	Quotient Singular Value Decomposition
QTVR	Quick Time Virtual Reality
Quad-AV	Ambient Awareness for Autonomous Agricultural Vehicles
QUANTOM	Quantitative Tomographiedatenanalyse
QUARZ	DLR-Test- und Qualifizierungszentrum
QUB	Queen's University Belfast (IE)
QUIC	Quantum Information and Computation Consortium
QUS	Quantitative Ultrasound
QUT	Queensland University of Technology (Brisbane, AU)
QW	Quantum Well
QWI	Quantum Well Intermixing (abstimmbarer Laser/tunable laser)
QWIP	Quantum Well Infrared Photodetector

## R

R	Router (Telekommunikation/telecommunication)
RA	Radio Access (Telekommunikation/telecommunication)
RA	Radio Astronomy
RA	Research Assistant (USA)
RA	Routing Area (Telekommunikation/telecommunication)
RAB	Radio Access Bearer (Telekommunikation/telecommunication)
RAB	Remote Amplifier Box (Telekommunikation/telecommunication)
RABITS	Rolling Assisted Biaxially Textured Substrates
RAC	Radio (or: Resource) Admission Control (Telekommunikation/telecommunication)
RACE	Regional Atlantic Circulation and Global Change
RACE	Research and Development in Advanced Communication Technologies in Europe [or: Research (Programme) on (or: into) Advanced Communication(s) in Europe]
RACER	Rapid and Cost-Effective Rotorcraft
RACH	Random Access Channel (Telekommunikation/telecommunication)
RACS	Resource Admission Control Subsystem (Telekommunikation/telecommunication)
RAD	Radiation Assessment Detector (on board of the NASA Marsrover "Curiosity")
RAD	Rapid Application Development
RADAR	Radio Detection and Ranging
RADIUS	Remote Authentication Dial-In User Service (Telekommunikation/telecommunication)
RADIUS	Research and Development in the US
RADS	[International Symposium on] Room Acoustics: Design and Science
RADWASS	Radioactive Waste Safety Standards (IAEA)
RaDyO	Radiance in a Dynamic Ocean
RAE	Royal Academy of Engineering (UK)
RAeS	Royal Aeronautical Society (UK)
RAFT	Reversible Addition/Fragmentation Chain Transfer/Reversibler Additions-Fragmentierungs-Ketten-Transfer (Polymerisation)
RAID	Redundant Array of Independent (or: Inexpensive) Disks
RAIM	Receiver Autonomous Integrity Monitoring (Satellitentechnik/satellite technology)
RAINBOW	Reduced and Internally Biased Oxide Wafer (piezoelektrischer Aktor/piezoelectric actuator)
RAIRO	Revue Française d'Automatique, Informatique et Recherche Opérationnelle
RAL	Radio Astronomy Laboratory (UCB)
RAL	Rutherford-Appleton Laboratory (Oxford-Chilton, UK)
RALIMS	Research and Laboratory Information Management System
RAM	Random Access Memory
RAM	Remote Access Multiplexer (Internet)
RAMICS	Rapid Airborne Mine Clearance System
RAMONA	Realisierung automatisierter Mobilitätskonzepte im Öffentlichen Nahverkehr
RAMS	Reliability, Availability, Maintainability and Safety
RAN	Radio Access Network (Telekommunikation/telecommunication)
RAN	Remote Access Node (Telekommunikation/telecommunication)

RANAP	Radio Access Network Application Part (Telekommunikation/telecommunication)
RANGE	Robust Affordable Next Generation Energy Storage Systems (ARPA-E)
RANS	Reynolds-Averaged Navier-Stokes (simulations)
RAP	Radio Access Profile (Telekommunikation/telecommunication)
RAP	Radiological Assistance Program (DoE, USA)
RAP	Research Assistance Professor
RAPID	Research and Public Information and Dissemination (USA, Programm zu EMF-Schäden/program concerning EMF hazards)
RAPO	Room Acoustic Property Optimizer
RAPTOR	Rapid Telescopes for Optical Response
RAR	Radio Access Router (Datenübertragung/data transfer)
RARDE	Royal Armament Research and Development Establishment (UK)
RAS	Reflectance Anisotropy Spectroscopy
RAS	Registration, Admission and Status (Kommunikation/communication)
RAS	Remote Access Server (or: Service) (Telekommunikation/telecommunication)
RAS	Royal Astronomical Society (UK)
RAS	Russian Acoustical Society
RASEI	Renewable and Sustainable Energy Institute (University of Colorado, USA)
RASS	Radio Acoustic Sounding System
RAST	Radio Allergo Sorbent Test
RASTI	Rapid Speech Transmission Index
RAT	Radio Access Technology (Telekommunikation/telecommunication)
RAT	Ram-Air Turbine (Flugzeug/aircraft)
RAT	Readiness Assessment Test
RATP	Régie Autonome des Transports Parisiennes (Eisenbahntechnik/railway technology)
RAVE	Research at Alpha Ventus (offshore wind parks)
RAZ	Radial Azimuth (survey)
RB	Radio Bearer (Telekommunikation/telecommunication)
RBAC	Role-Based Access Control
RBC	Radio Block Center (Telekommunikation/telecommunication)
RBC	Red Blood Cell
RBD	Recurrent Brief Depression
RBD	Reference-Beam Diffraction (Festkörperphysik/solid state physics)
RBD	Reliability Block Diagram
RBD	REM Sleep Behavior Disorder
RBOC	Regional Bell Operating Company
RBR	Radiation Belt Remediation (Strahlungsgürtel der Erde/earth radiation belt)
RBRC	RIKEN BNL Research Center
RBW	Resolution Bandwidth (Telekommunikation/telecommunication)
RC	Remote Control
RC	Room Criteria (zur Lärmbeurteilung/for noise rating)
RC	Routing Controller (Telekommunikation/telecommunication)
R/C	Revenue/Cost Ratio
RCA	Radio Corporation of America
RCA	Research Collaboration Agreement (USA)
RCAS	Railway Collision Avoidance System (DLR)
RCC	Routing Control Channel (Telekommunikation/telecommunication)
RCE	Radiative Convective Equilibrium (in the atmosphere)
RCE	Reconfigurable Computing Environment
RCE	Relative Constellation Error (Telekommunikation/telecommunication)
RCE	Remote Component Environment
RCGI	Research Centre for Gas Innovation (University of São Paulo, BR)
RCK	Research Centre Karlsruhe
RCL	Radio Communication Links
RCLCF	Roy Castle Lung Cancer Foundation (UK)
RCLED	Resonant Cavity Light Emitting Diode
RCM/OCS	Restraints Control Module/Occupant Classification System (Kfz-Technik)
RCMS	Remote Control and Monitoring System
RCNST	Research Center for Nuclear Science and Technology (Beihang University, Beijing, CN)
RCP	Radio Control Part (or: Point)
RCP	Random Closed Packing, zufällige geschlossene Packung (Festkörperphysik, solid state physics)
RCP	Rapid Control(Ier) Prototyping
RCP	Representative Concentration Pathways (climate research)
RCP	Royal College of Physicians (UK)
RCPA	References to Contemporary Papers in Acoustics (JASA section)
RCRA	Resource Conservation and Recovery Act (USA)
RCRV	Regional Class Research Vessel
RCS	Rate Control System (Raketentechnik/rocket control)
RCS	Remote Control System (Telekommunikation/telecommunication)
RCS	Return Channel by Satellite (Telekommunikation/telecommunication)
RCS	Return Channel System (Telekommunikation/telecommunication)
RCSA	Research Corporation for Science Advancement
RCST	Return Channel Satellite Terminal
RCSU	Remote Control and Status Unit
RCT	Regionale Chemotherapie (Krebsbekämpfung/cancer therapy)
RCTT	Radio Conformance Test Tester (Telekommunikation/telecommunication)
RCUK	Research Council UK
RD	Road (US Mail)

RD	Route Distinguisher (Telekommunikation/telecommunication)
R&D	Research and Development
RDA	Results-Dependent Analysis
RDBMS	Relational Database Management System (Telekommunikation/telecommunication)
RDC	Reifendruck Control
RDC	Remote Digital Concentrator (Telekommunikation/telecommunication)
RDD	Radioactive Disposal Device
RDD	Rights Data Dictionary (Telekommunikation/telecommunication)
RDF	Resource Description Framework (or: Format) (Telekommunikation/telecommunication)
RDF	Reverse Dispersion Fiber (optische Telekommunikation/optical telecommunication)
RDI	Reverse Defect Indication
RDK	Reifendruckkontrollsystem (= TPMS)
RdL	Reichsminister der Luftfahrt (im „Dritten Reich“)
RDM	Research Data Management
RDMA	Remote Direct Memory Access
RD&NS	Radiation Detection and Nuclear Sciences (PNNL)
RDS	Radio Data Service (or: System) (Europe)
RDS	Resource Discovery System
RDS	Respiratory Distress Syndrome
RDSI	Research Data Storage Infrastructure (AU)
RDX	Trimethylentrinitramin (Hexogen, Sprengstoff/explosive)
RE	Radio Equipment (Telekommunikation/telecommunication)
RE	Reunion (ISO 3166)
RE	Rough Environment
REA	Rauchgas-Entschwefelungs-Anlage
REACH	Registration, Evaluation, (and) Authorization (and Restriction) of Chemicals
REACOL	Réseau Européen pour l'Assemblage par Collage
REAT	Real Ear Attenuation at Threshold
REBCO	Rare-Earth Barium Copper Oxide
REBL	Reflection Electron-Beam Lithography
REC	Radiative Electron Capture (Telekommunikation/telecommunication)
REC	Radio Equipment Control (Telekommunikation/telecommunication)
ReCFI	Research Center for Functional Interfaces (Seoul National University, KR)
RECMA	Radio and Electronics Component Manufacturers' Association
RECOVER	Remote Continual Verification (Atomenergie-Kontrolle/atomic energy surveillance)
RED	Radio Equipment Directive
RED	Random Early Detection
REDERC	Réseau de Développement de Réserves Naturelles Communautaires
REDI	Rapid E-Form Development and Implementation
REF	Research Education (or: Excellence) Framework
REG	[Dateinamenerweiterung: Windows Registrierungs-Datei/file name extension: Windows registration file]
REGINA	Regenerative Medizin in der Gesundheitsregion Neckar-Alb und Stuttgart
RegTP	Regulierungsbehörde für Telekommunikation und Post (vorher/formerly: BAPT, davor/still earlier: FTZ)
REIPPPP	Renewable Energy Independent Power Producer Procurement Programme (South Africa)
REKLIM	Regionale Klimaänderungen (Helmholtz-Verbund)
REL	Rights Expression Language (Telekommunikation/telecommunication)
REM	Rapid Eye Mount (telescope, IT)
REM	Rapid Eye Movement (Schlaf-Phase/sleep period)
REM	Rasterelektronenmikroskop
REM	Reichserziehungsministerium (im „Dritten Reich“)
REMix	Renewable Energy Mix for Sustainable Electricity Supply (DLR-Modellierungsprogramm)
REMOS	Recession Monitoring System
REMSIM	Radiation Exposure and Mission Strategies for Interplanetary Manned Missions
REMUS	Remote Environmental Monitoring Unit System (an AUV)
REN	Research and Education Network (Telekommunikation/telecommunication)
ReNaSS	Réseau National de Surveillance Seismique (Strasbourg, FR)
RENCI	Renaissance Computing Institute (University of North Carolina, Chapel Hill, USA)
RENCON	Music Performance Rendering Contest for Computer
RePEc	Research Papers in Economics
RepRap	Replicating Rapid Prototyping (3D-Drucker/3D printer)
RERF	Radiation Effects Research Foundation (Japan)
RES	Radio Equipment and Systems (TC im/in the ETSI)
RES	Red Española de Supercomputación (Spanish Supercomputing Network)
RESA	RapidEye Science Archive (Satellitensystem/satellite system)
RE-SEED	Retirees Enhancing Science Education through Experiment and Demonstration (USA)
RESM	Regional Earth System Model, Regionales Erdsystemmodell
RESOLFT	Reversible Saturable/Switchable Optical Fluorescent Transitions (hochauflösende Abbildung/super-resolution imaging)
REST	Representational State Transfer
RET	Resolution Enhancement Technology
RETSPL	Reference Equivalent Threshold Sound Pressure Level
RETTINA	Reliable Turbulence and Transition Modelling for Industrial Aerodynamics (DLR project)
REU	Remote Control Electronic Unit
REU	Research Experience for Undergraduates (NSF program, USA)
REV	Robotic Extraction Vehicle
REWIMET	Regionales Windfeld-Modell einschließlich Transport (Wettervorhersage/weather forecast)
REX	Radio Science Experiment (astrophysics)
REX	Realtime Executive (ein Betriebssystem/an operating system)
REXUS	Raketenerperimente für Universitätsstudenten (seit Okt. 2008, SE)



RF	Radiative Forcing (unit: W/m <sup>2</sup> )
RF	Radio Frequency
RF	Rating Function
RF	Receptive Field (im Gehirn/in the brain)
RFA	Röntgenfluoreszenzanalyse
RFC	Request for Comment(s) (Rechnernetz/computer network)
RFCP	Radio-Fluorogenic Copolymerization
RFD	Request for Discussion (Rechnernetz/computer network)
RFETS	Rocky Flats Environmental Technology Site (Kernwaffenproduktion/nuclear weapon production)
RFI	Radio Frequency Interference
RFI	Request for Information
RFI	Rete Ferroviaria Italiana
RFID	Radio Frequency Identification (Device)
RFP	Red Fluorescent Protein, rot-fluoreszierendes Protein
RFP	Request for Proposal
RFFI	Radio Fixed Part Identity (DECT)
RFQ	Radio Frequency – Quadrupole
RFR	Reichsforschungsrat (im „Dritten Reich“)
RFSQ	Rapid Single Flux Quantum (logic integrated circuit)
RFT	Resistive Force Theory (fluid mechanics)
RFT	Run-Flat Tyre (Kfz-Reifen mit Notlaufeigenschaften)
RFZ	Reflection-Free Zone (in Mars radar reflectograms)
RG	Routing Gateway (Telekommunikation/telecommunication)
RGA	Residual Gas Analyzer
RGB	Red-Green-Blue, Rot-Grün-Blau (Bildverarbeitung/picture processing)
RGCH	Relative Grant Channel (Telekommunikation/telecommunication)
RGO	Reduced Gravity Office (NASA)
RGS	Reflection Grating Spectrometer
RGS	Royal Geographic Society (London, 1830)
RGW	Rat für gegenseitige Wirtschaftshilfe
RGW	Residential Gateway (Kommunikation/communication)
RGZM	Römisch-Germanisches Zentralmuseum, Forschungsinstitut für Vor- und Frühgeschichte (Mainz)
RH	Relative Humidity
RH	Right Hand
RH	Südrhodesien/Southern Rhodesia (ISO 3166 bis/until 1980)
RHCP	Right-Handed Circularly Polarized
RHD	Right Hemisphere Damage (Hirnschäden/brain damage)
RHEED	Reflection High Energy Electron Diffraction (Oberflächenanalyse, Elektronenoptik/surface analysis, electron optics)
RHESSI	Reuven Ramaty High Energy Solar Spectroscopic Imager (NASA 2002, Satellit/satellite)
RHIC	Relativistic Heavy Ion Collider (Brookhaven National Laboratory, Long Island, USA)
RI	Rank Indicator (data transmission)
RI	Research Infrastructure
RI	Rhode Island (US-Staat/US state)
R&I	Research and Innovation
RIA	Rare Isotope Accelerator (USA, cancelled 2006)
RIAA	Recording Industry Association of America
RIB	Rare Isotope Beam
RIB	Routing Information Base (Telekommunikation/telecommunication)
RIBE	Reactive Ion Beam Etching
RIC	Rehabilitation Institute of Chicago
RICH	Ring Imaging Cherenkov (LHC, CERN)
RIE	Reactive Ion Etching
RIG	Retinsäure-induzierbares Gen
RIKEN	[Institute of Physical and Chemical Research] (Japan)
RIKEN AICS	RIKEN Advanced Institute for Computational Science (Kobe, JP)
RILM	Répertoire International de Litterature Musicale
RIM	Regulatory Information Management
RIMS	Ranging and Integrity Monitoring Stations (Telekommunikation/telecommunication)
RIMS	Resonance Ionization Mass Spectroscopy
RIN	Relative Intensity Noise
RIN	Research Information Network (UK)
RINEX	Receiver Independent Exchange Format (GPS, Galileo)
RIP	Raster Imaging Processing (Bildverarbeitung/picture processing)
RIP	Requiescat in pace (Ruhe in Frieden/Rest in Peace)
RIP	Routing Information Protocol (Internet)
RIR	Room Impulse Response (acoustics)
RIS	Resonance Ionization Spectroscopy
RISC	Reduced-Instruction-Set Computer
RISC	Research Institute for Symbolic Computation (Linz, AT)
RISC	RNA Induced Silencing Complex (Genetik/genetics)
RISE	Research Internship in Science and Engineering (DAAD-program)
RISSET	Reprogramming the Immune System for the Establishment of Tolerance (EU research programme)
RISING	Rare Isotope Spectroscopic Investigations at GSI (Darmstadt, DE)
RISKWa	Risikomanagement von neuen Schadstoffen und Krankheitserregern im Wasserkreislauf (BMBF, 2011–2016)
RISM	Research Institute for Scientific Measurements (Tohoku University, Sendai, JP)
RISP	Rare Isotope Science Project (at IBS, South Korea)
RIST	Research Organisation for Information Science and Technology (Japan)
RIT	Reference Inhouse Test (Telekommunikation/telecommunication)

RIT	Rochester Institute of Technology
RITA	Radio Frequency Ion Thruster Assembly
RITL	Radio in the Loop (Telekommunikation/telecommunication)
RIXS	Resonant Inelastic X-Ray Scattering (in superconductors)
RJ	Random Jitter (Telekommunikation/telecommunication)
RKA	[Russian Space Agency]
RKE	Remote-Keyless-Entry (Kfz-Schlüssel)
RKI	Robert-Koch-Institut (Berlin)
RKM	Rasterkraftmikroskop
RLC	Radio Link Control(ler) (Telekommunikation, Layer 2)
RLC	Resistor/Inductor/Capacitor (equivalent circuit)
RLE	Refractive Lens Exchange (Augenchirurgie/eye surgery)
RLE	Research Laboratory for Electronics (MIT)
RLL	Radio in the Local Loop (Telekommunikation/telecommunication)
RLM	Reichsluftfahrtministerium (im „Dritten Reich“)
RLMS	Recursive Least Mean Squares (Algorithmus/algorithm)
rlogin	remote login
RLR	Receive Loudness Rating (Telekommunikation/telecommunication)
RLS	Recursive Least Squares (Algorithmus/algorithm)
RLT	Reformulation-Linearization Technique (algorithm)
RLUK	Research Libraries UK
RLVIP	Reactive Low-Voltage Ion Plating
RM	Radiation Management (climate engineering)
RM	Racetrack Memory (Datenspeicher/data memory)
RM	Remote (or: Regional) Manager (Telekommunikation/telecommunication)
RM	Room (US Mail)
RMA	Radio Manufacturers' Association
RMA	Remote Memory Access (computer)
RMC	RACE Management Committee
RMC	Robotik und Mechatronik Zentrum (DLR, Oberpfaffenhofen)
RMC-C	Central Remote Maintenance Centre
RMC-R	Regional Remote Maintenance Centre
RMI	Remote Method Invocation (Telekommunikation/telecommunication)
RMMS	Remote Maintenance and Monitoring System
RMON	Remote Monitoring
RMP	Rights Management and Protection
RMS	Radio Monitoring System
RMS	Resonant Macrosonic Synthesis
RMS	Root Mean Square
RMT	Real Money Trade (Spieler-Jargon/gambler slang)
RMV	Ressourceneffiziente mechatronische Verarbeitungsmaschine (Projektgruppe am IWU)
RNA	Ribonucleic Acid (Genetik/genetics)
RNAi	RNA-Interferenz (Genetik/genetics)
RNAP	RNA-Polymerase (Enzym)
RNC	Radio (and) Network (or: Node) Controller (Telekommunikation/telecommunication)
RND	RedaktionsNetwork Deutschland
RNEP	Robust Nuclear Earth Penetrator (Atomwaffe/atomic weapon, USA)
RNFL	Retinale Nervenfaserschicht (Auge/eye)
RNG	Random Number Generator
RNL	Radio Network Layer (Telekommunikation/telecommunication)
RNN	Recurrent Neural Net
RNO	Radio Network Optimization (or: Optimizer) (Telekommunikation/telecommunication)
RNP	Radio Network Planning (Telekommunikation/telecommunication)
RNRT	Réseau National de Recherche en Télécommunications (France Télécom)
RNS	Radio Network Subsystem (Telekommunikation/telecommunication)
RNS	Ribonucleinsäure
RNSS	Radio Navigation Satellite Services
RO	Reverse Osmosis (Umkehrosmose für Merwasserentsalzung)
RO	Rumänien/Romania (ISO 3166)
ROAD	Directory of Open Access Scholarly Resources
ROADM	Reconfigurable Optical Add-Drop Multiplexer (optische Telekommunikation/optical telecommunication)
ROAR	Registry of Open Access Repository
ROARMAP	ROAR Mandates and Policies
ROB	Royal Observatory of Belgium
ROBEX	Robotische Exploration unter Extrembedingungen (DLR-Projekt)
ROC	Radius of Curvature
ROC	Receiver (or: Relative) Operating Characteristic (Telekommunikation/telecommunication)
ROC	Republic of China (Taiwan)
ROCCO	Robust Checksum-Based Header Compression (Telekommunikation/telecommunication)
RoCE	RDMA over Converged Ethernet
ROGER	Robotic Geostationary Robotic Restorer (DLR/ESA)
RoHC	Robust Header Compression (Telekommunikation/telecommunication)
RoHS	Restriction of (or: on) (Certain) Hazardous Substances
ROI	Region of Interest (Bildverarbeitung/picture processing)
ROI	Return On Investment (or: Instrument)
ROIC	Readout Integrated Circuit
ROKVISS	Robotik-Komponenten-Verifikation auf der ISS (DLR-Entwicklung)
ROL	Reverse Oscillating Layer

ROLIS	Rosetta Landing Imaging System
ROM	Read Only Memory
RON	Resilient Overlay Network (Internet)
RoRo	Roll-on, Roll-off (Autofähren/car ferries)
ROS	Reactive Oxygen Species, reaktive Sauerstoffspezies
ROS	Research Outcomes Service
ROSA	Receiver Optical Subassembly (optische Telekommunikation/optical telecommunication)
ROSAT	[deutscher] Röntgensatellit, German X-ray Satellite (1990)
ROSIS	Reflective Optics System Imaging Spectrometer
ROTEX	Robot Technology Experiment, Roboter-Technologie-Experiment (Spacelab)
ROTSE	Robotic Optical Transient Search Experiment (Astrophysik/astrophysics)
ROV	Remotely Operated Vehicle
ROZ	Research-Oktan-Zahl (Kfz)
RP	Rheinland-Pfalz (Bundesland/German Federal State)
RP	Route Processor (Telekommunikation/telecommunication)
RPA	Random Phase Approximation
RPC	Remote Procedure Call (für vernetzte Messgeräte/for crosslinked measuring instruments)
RPCR	Robust Principal Component Regression
RPF	Reichspost-Forschungsanstalt
RPG	Role Playing Game
RPI	Rensselaer Polytechnic Institute (Troy, NY, USA)
RPIF	Regional Planetary Image Facility (worldwide 17 libraries, Nov. 2010)
RPM	Radiation Portal Monitoring (Strahlungsnachweis/radiation detection)
RPM	Radio Policy Matters (TC im/in the ETSI)
RPM	Random Particle Mesh Model (für aeroakustische Simulationen/for aeroacoustic simulations)
RPM	Reichspostministerium
RPO	Rahmenprüfungsordnung
RPR	Resilient Package (or: Packet) Ring (Telekommunikation/telecommunication)
RPS	The Romanian Physical Society
RPTV	Rear-Projection Television
RPU	Ray Processing Unit (Computergrafik/computer graphics)
RPWS	Radio and Plasma Wave Science (Instrument an Bord des Saturn-Satelliten Cassini/instrument on board of the Saturn satellite Cassini)
RPZ	Reichspostzentralamt (Berlin, ab 1.4.1928; vorher: Telegraphentechnisches Reichsamt, TRA)
RQI	RNA Quality Indicator
RR	radiative Rekombination
RR	Radio Regulations (Telekommunikation/telecommunication)
RR	Riva-Rocci (-Apparat zur Blutdruckmessung/blood pressure measuring device)
RR	Round Robin
RRAM	Resistive Random Access Memory
RRC	Radio Resource Control (Telekommunikation, Layer 3)
RRC	Root Raised Cosine
rrd	Reti Radiotelevisive Digitali (IT)
RREA	Relativistic Runaway Electron Avalanche
RRG	Reichsrundfunkgesellschaft
RRL	Radio Research Laboratory (Korea)
RRM	Radio Resource Management (Telekommunikation/telecommunication)
RRO	Record Route Object (Telekommunikation/telecommunication)
RRP	Rapid Reconfiguration Protocol (Telekommunikation/telecommunication)
RRSTP	Ring Rapid Spanning Tree Protocol (Ethernet)
RRW	Reliable Replacement Warhead (USA: Ersatzsprengkopf/weapon)
RS	Raman Spectroscopy
RS	Retinolsäure
RS-232	RS: Recommended Standard (EIA)
RSA	Respiratorische Sinus-Arrhythmie (Physiologie)
RSA	[Ronald] Rivest, [Adi] Shamir, [Leonard A.] Adleman (Verschlüsselungssystem) (asymmetrischer Kryptoalgorithmus/asymmetric encryption algorithm, 1977)
RSAL	Radionuclide Soil Action Level (Umweltschutz/environment conservation)
RSC	Radio Station, Central (Telekommunikation/telecommunication)
RSC	Royal Society of Chemistry (UK)
RSCW	Radio Station Central Wireless (Telekommunikation/telecommunication)
RSE	Radiated Spurious Emission
RS EPRE	Energy per Resource Element of the Reference Signal (Telekommunikation/telecommunication)
RSET	renormierter Spannungs-Energie-Tensor
RSFF	Risk-Sharing Financing Facility (EU-Initiative für riskante Vorhaben/EU initiative)
RSFQ	Rapid Single Flux Quantum Device
RSG	Resource Systems Group
rsh	Remote Shell
RSHA	Reichssicherheitshauptamt (im „Dritten Reich“)
RSK	Reaktorsicherheitskommission
RSI	Review of Scientific Instruments (Journal)
RSI	Rotational Shearing Interferometer
RSL	Recurring Slope Lineae (on the Mars surface)
RSM	Remote Station Nodal (Telekommunikation/telecommunication)
RSM	Response Surface Model (or: Modeling) (Motorsport-Simulation/motor sports simulation)
RSNP	Regular-Spiking Nonpyramidal Cells
RSP	[Office of] Regional and Security Policy [Affairs]
RSPB	Royal Society for the Protection of Birds (UK)

RSRP	Reference Signal Received Power (Ortung/localization)
RSRQ	Reference Signal Received Quality (Ortung/localization)
RSS	Radio Science Subsystem (onboard Cassini)
RSS	Really Simple Syndication
RSS	Received-Signal Strength (Telekommunikation/telecommunication)
RSSI	Receiver Signal Strength Indicator (DECT) (or: Radio ...)
RST	Radio Station, Terminal (Telekommunikation/telecommunication)
RST	Repeater Station
RST	Resonance Scattering Theory
RST	Running Status Table
RSTP	Rapid Spanning Tree Protocol (Telekommunikation/telecommunication)
RSTW	Radio Station Terminal Wireless (Telekommunikation/telecommunication)
RSU	Remote Subscriber Unit (Telekommunikation/telecommunication)
RSU	Road-Side Unit (traffic communication)
RSV	respiratorisches Syncytialvirus
RSVP	Répond, s'il vout plaît (bitte antworten/please respond)
RSVP	Rare Symmetry-Violating Processes
RSVP	Resource Reservation Protocol (Telekommunikation, Internet)
RSVP-TE	Resource Reservation Protocol – Traffic Engineering (Telekommunikation, Internet)
RSX	Reconnection Scaling Experiment (at LANL)
RS3	Reliably Secure Software Systems (DFG-Schwerpunkt)
RT	Radiative-Transfer (equation)
RT	Ranking Task (educational concept)
RT	Real-Time
RT	Route Target (Telekommunikation/telecommunication)
RTAC	Real-Time Atmospheric Compensation (Adaptive Optik/adaptive optics)
RTAI	Real-Time Application Interface (Telekommunikation/telecommunication)
RTCP	Real-Time (Transport) Control Protocol (Telekommunikation/telecommunication)
RTD	Real-Time Difference
RTD	Research and Technological Development (EC)
RTD	Resistance Temperature Detector (z.B./e.g., Pt)
RTD	Resonant Tunneling Device
RTD	Round-Trip Delay
RTE	Return From Exception
RTE	Run-Time Environment (für Kfz-Entwicklung/for car development)
RTF	Resistenz-Transfer-Faktor
RTF	Rich Text Format [Dateinamenerweiterung: Textdatei im Rich-Text-Format/file name extension: Rich Text file]
RTG	Radioisotope Thermolectric Generator
RTG	Receive Transition Gap (Telekommunikation/telecommunication)
RTI	Real-Time Interface
RTI	Research Tools and Instruments (Canadian grant program)
RTI-MP	Real-Time Interface for Multiprocessor Systems
RTL	Raster Transfer Language (HP)
RTL	Real-Time Linux
RTL	Register Transfer Level
RTL	Resistor-Transistor Logic
RTLlinux	Real-Time Linux
RTLS	Realtime Location System
RTM	Raster-Tunnelmikroskop(ie)
RTM	Real Time Monitoring
RTM	Resin Transfer Molding
RTM	Reverse Time Migration (for subsurface geological imaging)
RTM	Rundfunktechnische Mitteilungen (Zeitschrift)
RTMA	Radio-Television Manufacturers' Association
RTO	Research and Technological Organization (EC)
RTOS	Real-Time Operating System
RTP	Real-Time (Transport) Protocol (Telekommunikation/telecommunication)
RTPJ	Right Temporoparietal Junction (brain research)
rtPS	Real Time Packet Service (Telekommunikation/telecommunication)
RTS	Royal Television Society (GB)
RTS	Rubinstein-Taylor-Syndrom (Erbkrankheit)
RTSP	Real-Time Streaming Protocol (Telekommunikation/telecommunication)
RTT	Real-Time Testing (or: Technology)
RTT	Round Trip Time (Telekommunikation/telecommunication)
RTU	Remote Terminal Unit (Telekommunikation/telecommunication)
RTVISC	Rail Transit Vehicle Interface Standards Committee (Eisenbahntechnik/railway technology)
RTW	Real-Time Workshop
RU	Repeater Unit
RU	Resources Unit
RU	Russland/Russian Union (ISO 3166)
RUB	Ruhr-Universität Bochum
RUBI	Remote User Bus Interface
RUCDR	Rutgers University Cell and DNA Repository (Datenbank/data bank, USA)
RULLI	Remote Ultra-Low Light Imaging (Astrophysik/astrophysics)
RUM	Remote Underwater Manipulator
RUS	Rechenzentrum Universität Stuttgart
RUS	Resonant Ultrasound Spectroscopy
RV	Regionalverband (z.B. DPG)

RVA	Richtlinienverabschiedungsausschuss (NALS)
RVB	Resonating Valence Bonds (Molekülphysik/molecular physics)
RVC	Royal Veterinary College
RVR	Runway Visual Range
RVS	Radial Velocity Spectrometer
RW	Ridge Waveguide
RW	Ruanda/Rwanda (ISO 3166)
RWA	Receive Wavelength Adapter (Kommunikation/communication)
RWA	Research Works Art
RWC	Real World Computing
RWCP	Real World Computing Partnership (1992–2002)
RWE	Rheinisch-Westfälisches Elektrizitätswerk
RWI	Rheinisch-Westfälisches Institut für Wirtschaftsforschung (Essen)
RWTH	Rheinisch-Westfälische Technische Hochschule (Aachen)
RX	Receive (Telekommunikation/telecommunication)
RxLev	Reception Level (Telekommunikation/telecommunication)
RxQual	Reception Quality (Telekommunikation/telecommunication)
RXTE	Rossi X-Ray Timing Explorer (Röntgensatellit/X-ray satellite)
RYS	Royal Yacht Squadron
RZ	Return to Zero (Kommunikation/communication)
RZG	Rechenzentrum Garching
RZÜ	Rechnergestützte Zugüberwachung
R2D	Roll to Device
R2R	Researcher to Reader (Conference series)

## S

S-Wellen	Scherwellen (Geophysik/geophysics)
SA	Saturable Absorber (Faseroptik/fiber optics)
SA	Saudi-Arabien/Saudi Arabia (ISO 3166)
SA	Selective Availability (Satellitennavigation/satellite navigation)
SA	Service Activation (Telekommunikation/telecommunication)
SA	Simulated Annealing
SA	Source Address (Telekommunikation/telecommunication)
SA	Station Adapter (Eisenbahntechnik/railway technology)
SAA	Society of American Archivists
SAA	South Atlantic Anomaly (Erdmagnetfeld/earth magnetic field)
SAAI	Southern Africa Acoustics Institute
SAAL	Signaling ATM Adaptation Layer (Telekommunikation/telecommunication)
SAAO	South African Astronomical Observatory
SAARC	South Asian Association of Regional Cooperation
SaaS	Software as a Service (for research computation)
SABIO-RK	System for the Analysis of Biochemical Pathways – Reaction Kinetics (Datenbank am HITS/data bank at the HITS)
SAC	Science Advisory Committee
SAC	Semi-Anechoic Chamber
SAC	Service Admission Control (Telekommunikation/telecommunication)
SAC	Strategic Air Command (USA)
SACD	Super Audio Compact Disk
SACLANT	Supreme Allied Commander Atlantic (NATO)
SACMOS	Self Aligned Contacts MOS
SACNAS	Society for Advancement of Chicanos and Native Americans in Science
SACODY	Structure Allégée à Commande Dynamique (EU–ESPRIT research program 1987–1991)
SAD	Single Anomalous Diffraction
SAD	Spotless Activated Deposition (dünne Schichten/thin layers)
SADC	South(ern) Africa(n) Development Cooperation (or: Community)
SAE	Society of Automotive Engineers (USA)
SAE	System Architecture Evolution (Telekommunikation/telecommunication)
SAEM	Stochastic Approximation Expectation–Maximisation
SAET	Satellite Access for European Trains (Telekommunikation/telecommunication)
SAFE	Sensor-Aktor-gestütztes Frühwarnsystem bei Extremwetter
SAFIRE	Service des Avions Français Instrumentés pour la Recherche en Environnement
SAFISY	Space Agency Forum on ISY
SAFOD	San Andreas Fault Observatory at Depth (a borehole)
SAFT	Synthetic Aperture Focus Technique (Signalverarbeitung/signal processing)
SAFTA	South Asian Free Trade Association
SAG	Sammlung von Algenkulturen der Universität Göttingen
SAG	Selective Area Growth
SAGD	Steam-Assisted Gravity Drainage (Ölsandverarbeitung/oil sand exploration)
SAGE	Soviet-American Gallium Experiment (Sonnen-Neutrinos, im Kaukasus/solar neutrinos, in the Caucasus)
SAGM	Separate Absorption, Grating and Multiplication (APD)
SAHA	Suberoylanilidhydroxamsäure (Genetik)
SAI	Service Area Identifier (or: Interface) (Telekommunikation/telecommunication)
SAI	Silent Aircraft Initiative
SAIC	Science Applications International Corporation
SAIC	Single Antenna Interference Cancellation (Telekommunikation/telecommunication)
SAIFR	South American Institute for Fundamental Research (ICTP)
SAIL	Speech Analysis and Interpretation Laboratory (University of Southern California)
SAL	Scientific Algorithm Library

SALSA	Solvers for Algebraic Systems and Applications (Software)
SALSA	Systemauslegung eines Alkohol-LoX-Antriebs als Substitut für lagerfähige Antriebsstoffe
SALT	Southern African Large Telescope
SALT	Speech Application Language Tags (Telekommunikation/telecommunication)
SALT	Strategic Arms Limitation Treaty (or: Talks)
SALTRACE	Saharan Aerosol Long-Range Transport and Aerosol-Cloud Interaction Experiment (DLR)
SAM	Sample Analysis at Mars (mobile laboratory)
SAM	Saturable Absorber Mirror (Lasertechnik/laser technology)
SAM	Scanning Acoustic Microscope
SAM	Self-Assembled Monolayer, selbstaggregierende Monolagen (ein Molekül dicke Schicht/one molecule thin layer)
SAM	[IEEE] Sensor Array and Multichannel Signal Processing (Conference)
SAM	Separate Absorption and Multiplication (ADP)
SAM	Service Activation Module (Telekommunikation/telecommunication)
SAM	Service Aware Manager (Telekommunikation/telecommunication)
SAM	Speech Assessment Methodology
SAM	Spherical Aberration Management
SAML	Security Assertion Markup Language (Telekommunikation/telecommunication)
SAMP	Systems Analysis, Modelling and Prediction
SAMPE	Society for the Advancement of Material and Process Engineering
SAMPE	Society of Aerospace Material and Process Engineering
SAMPEX	Solar, Anomalous and Magnetospheric Particle Explorer (USA, Satellit/spacecraft)
SAMUM	Saharan Mineral Dust Experiment
SAMURAI	Synergy of Advanced Measurement Techniques for Unsteady and High Reynolds Number Aerodynamic Investigations (DLR-Projekt)
SAN	Storage Area Network (Telekommunikation/telecommunication)
SANA	Wissenschaftliches Begleitprogramm zur Sanierung der Atmosphäre über den neuen Bundesländern
SAND	Self-Assembled Nanodielectrics
SANE	Sustainable Accomodation for the New Economy (EU project)
SANEX	Selctive Actinide Extraction (nuclear waste processing)
SAO	Smithonian Astrophysical Observatory
SAO	Special Awards Organization
SAON	Sustaining Arctic Observing Networks
SAP	Scientific Advisory Panel (to US President)
SAP	Service Access Point (Telekommunikation/telecommunication)
SAP	Symbolic Assembler Program (IBM 704, 1956)
SAPAM	Society of African Physicists and Mathematicians
SAPEM	Symposium on the Acoustics of Poro-Elastic Materials
SAPHARI	Safe and Autonomous Physical Human-Aware Robot Interaction
SAPOS	Satellitenpositionierungsdienst der deutschen Landvermessung (Geodäsie)
SAPPHIRE	Satellite and Aircraft Data Base Project for System Integrity Research (Satellitenavigation/satellite navigation)
SAPPHIRE	Situational Awareness and Preparedness for Public Health Incidences Using Reasoning Engines (semantisches Netz/semantic net)
SAPTA	South Asian Preference Trade Association
SAQI	Spatial Audio Quality Inventory
SAR	Search and Rescue (Service) (Galileo)
SAR	Second Assessment Report (IPCC, über globale Klimaveränderung/on global climate change, 1995)
SAR	Specific Absorption Rate
SAR	Synthetic Aperture Radar, Synthetik-Apertur-Radar
SARA	Système Accélérateur Rhône-Alpes (Grenoble, FR)
SARE	Solar and Advanced Renewable Energy
SARFT	State Administration for Radio Film and Television (China)
SARP	Severe Asthma Research Program (USA)
SARS	Severe Acute Respiratory Syndrome
SART	Save and Rescue Transmitter (Seenotrettungssender)
SART	Systemanalyse Raumtransport (DLR, Bremen)
SAS	Scale Adaptive Simulation (turbulence model)
SAS	Society of Applied Spectroscopy
SAS	Special Air Service (UK)
SAS	Statistik-Server
SAS	Svenska Akustiska Sällskapet, Swedish Acoustical Society
SAS	Synthetic Aperture Sonar (Wasserschall/underwater acoustics)
SASA	South African Sugar Association
SASE	Self-Amplified Spontaneous Emission
SASER	Sound Amplification by Stimulated Emission of Radiation
SASP	Seneszenz-assoziierter sekretorischer Phänotyp (Zellalterung)
SAT	SIM Application Toolkit (Telekommunikation/telecommunication)
SAT-M	Scholastic Aptitude Test: Mathematics
SatWas	Satellitengestütztes Warnsystem
SAVE	Software Architecture Visualization and Evaluation
SAVOIR	Sound and Vibration Organisation Information Resources (Gesellschaft gegründet 1990, mit Unterstützung des EG COMETT-Programms, Sitz: ISVR, Southampton, GB/association formed in 1990 with support from the EG COMETT programme, located at ISVR, Southampton, GB)
SAW	Surface Acoustic Wave
S-AWC	Super All-Wheel Control (automotive drive control)
SAX	Satellite per l'Astronomia X (italienischer Röntgensatellit/Italian X-ray satellite)
SAXS	Small-Angle X-Ray Scattering
SB	Salomon-Inseln/Solomon Islands (früher Britische Salomoninseln/former British Solomon Islands) (ISO 3166)
SB	Synchronization Burst (Telekommunikation/telecommunication)

SBAS	Satellite-Based Augmentation System (GPS)
SBC	Session Border Controller (Telekommunikation/telecommunication)
SBC	Single Board Computer
SBC	Subband Codec
SBE	Society of Broadcast Engineers (USA)
SBEC	Subband Echo Canceler
SBIR	Small Business Innovation Research (Program, USA)
SBIRS	Space-Based Infrared System – Low Earth Orbit
SBL	Space Based Laser
SBLE	Sub-Block Error (Telekommunikation/telecommunication)
SBLER	Sub-Block Error Rate (Telekommunikation/telecommunication)
SBML	Systems Biology Markup Language
SBND	Short-Baseline Near Detector (neutrino detector)
SBP	Société Belge de Physique
SBP	Sugar Beet Pulp (Rübenschnitzel)
SBR	Space-Based Radar
SBR	Spectral Band Replication (Telekommunikation/telecommunication)
SBR	Sustainable Bit Rate (Datenübertragung/data transfer)
SBRT	Stereotactic Body Radiation Therapy (Krebsbekämpfung mit Röntgenstrahlen/X-ray cancer treatment)
SBS	Save British Science (Lobby Group)
SBS	Stimulated Brillouin Scattering
SBSL	Single-Bubble Sonoluminescence, Einzelblasensonolumineszenz
SBSS	Science-Based Stockpile Stewardship
SBTA	S-Band Test Accelerator
SBTVD	Sistema Brasileiro Televisão-Digital
SBWAS	Space Based Wide Area Surveillance
SBZ	Sowjetische Besatzungszone
SC	Seychellen/Seychelles (ISO 3166)
SC	Solarkonstante/Solar Constant ( $\approx 1.4 \text{ kW/m}^2$ )
SC	South Carolina (US-Staat/US state)
SC	Subcommittee
SC	Substantial Completion
SC	Supercomputing Conference
SC	Superconductivity
SC	Supercontinuum (Weißlichtlaser/white light laser)
SC	Switch-Capacitor (Filter)
SCA	Software Communications Architecture (Telekommunikation/telecommunication)
SCADA	Supervisory Control and Data Acquisition (Telekommunikation/telecommunication)
SCADTA	Sociedad Colombo Alemana de Transporte Aéreo
SCAI	[Fraunhofer-] Institut für Algorithmen und Wissenschaftliches Rechnen (St. Augustin)
SCALPEL	Scattering with Angular Limitation Projection Electron Beam Lithography
SCAMP	Service Control and Monitoring Prototype
SCAR	Saturated-Absorption Cavity Ring-Down (Spectroscopy)
SCAR	Scientific Committee on Arctic Research
SCAR	Standing Committee on Agriculture Research (EU)
SCAR	Supersonic Cruise Aircraft Research
SCART	Simulation Center for Aerodynamic Research in Transportation (DLR)
SCASSS	Swedish Collegium for Advanced Study in the Social Sciences (Uppsala, SE)
SCB	Single Cooper-Pair Box
SCBR	Silicon Chip Bragg Reflector (Laser)
SCC	Satellite Control Center (Telekommunikation/telecommunication)
SCC	Signaling Congestion Control (Telekommunikation/telecommunication)
SCC	Source Code Control (Microsoft-Interface)
SCC	Steinbuch Centre for Computing (Karlsruhe, KIT)
SCCP	Signaling Connection and Control Part (or: Point) (Telekommunikation/telecommunication)
SCCP	Smart Connected Control Platform
S-CCPCH	Secondary Common Control Physical Channel (Telekommunikation/telecommunication)
SCCR	Short-Circuit Current Response
SCD	Sudden Cardiac Death
SCDMA	Synchronous Code Division Multiplex Access (Telekommunikation/telecommunication)
SCENIHR	Scientific Committee on Emerging and Newly Identified Health Risks (EU)
ScE	Server Compute Efficiency
SCE	Service Creation Environment (Telekommunikation/telecommunication)
SCE	Strongly Correlated Electrons
SCF	Self-Consistent Field
SCF	Service Control Function (Telekommunikation/telecommunication)
SCF	La Sociedad Colombiana de Fisica (CO)
SCFT	Self-Consistent Field Theory
SCH	Separate Confinement Heterostructure
SCH	Synchronization Channel (Telekommunikation/telecommunication)
SCI	Science Citation Index (beim/at ISI, Philadelphia, PA, USA)
SCIAMACHY	Scanning Imaging Absorption Spectrometer for Atmospheric Chartography (ENVISAT)
SCID	Severe Combined Immune Deficiency
SciELO	Scientific Electronic Library Online
SCIM	Subcarrier Intensity Modulation
SCINI	Submersible Capable of Under Ice Navigation (Tauchroboter)
SCIRAB	Science in Radio Broadcasting
SCK-CEN	Studiecentrum voor Kernenergie – Centre d'Etudes de l'Energie Nucléaire (BE)

SCL	Society of Chief Librarians
SCLDGM	Serially Concatenated Low-Density Generator Matrix
SCM	Safe Communication Module (Telekommunikation/telecommunication)
SCM	Scanning Capacitance Microscopy
SCM	Subcarrier Multiplexing
SCM	Supply Chain Management
SCMFT	Self-Consistent Mean Field Theory
SCN	Suprachiasmatischer Nucleus (im Gehirn; „Zentraluhr“ für circadiane Rhythmen/in the brain; “central clock” for circadian rhythms)
SCN	Scholarly Collaboration Network
SCN	Switched Circuit Network (Telekommunikation/telecommunication)
SCNCER	Sub-Committee on Non-Conventional Energy Research (ASEAN)
SCNT	Somatic-Cell Nuclear Transfer (stem cell research)
SCO	Synchronous Connection Oriented (Telekommunikation/telecommunication)
SCOAP3	Sponsoring Consortium for Open Access Publishing in Particle Physics
SCOLE	Spacecraft Control Laboratory Experiment (NASA, etwa/about 1983)
SCONUL	Society of College, National and University Libraries (UK)
SCOOP	Solar Collectors Made of Polymers
SCOPE	Scientific Committee on the Problems of the Environment
SCOR	Scientific Committee on Ocean Research
SCORE	Spectral Self-Coherence Restoral (Algorithmus/algorithm)
SCORE	Stove for Cooking, Refrigeration and Electricity (Thermoakustik/thermoacoustic device)
SCORM	Sharable Content Object Reference Model
SCOUT	Stratospheric Climate Links with Emphasis on the Upper Troposphere and Lower Stratosphere
SCP	Service Control Point (Telekommunikation/telecommunication)
SCP	Session Control Protocol (Telekommunikation/telecommunication)
SCP	Slow Cortical Potential (Gehirnwellen/brain waves)
SCP	Supernova Cosmology Project
SCPC	Single Channel Per Carrier (Telekommunikation/telecommunication)
SCPI	Standard Commands for Programmable Instruments
SCPP	Standing Conference of Physics Professors (UK)
SCR	Selective Catalytic Reduction
SCR	Spatial Capture Recapture (Raubtierforschung)
SCRAMJET	Supersonic Combustion Ramjet (Überschall-Verbrennungsstrahltriebwerk)
SCRF	Superconducting Radio Frequency (TESLA)
SCRG	Satellite Climate Research Group (NOAA)
SCRI	Supersupercomputer Computations Research Institute (Tallahassee, FL, USA)
SCS	South China Sea
SCS	Supply Chain Services (Fraunhofer-Arbeitsgruppe, Nürnberg)
S-CSCF	Service (or: Serving) Call State (or: Session) Control Function (Telekommunikation/telecommunication)
SCSI	Small Computer Systems Interface
SCSSI	Service Central de la Sécurité des systèmes d'information
SCTC	Speech Communication Technical Committee
SCU	Santa Clara University (USA)
SCU	Signalling and Control Unit (Telekommunikation/telecommunication)
SCU	Signalling Channel Unit (Telekommunikation/telecommunication)
SCUBA	Submillimeter Common-User Bolometer Array (Mauna Kea, HI, USA)
SCUBA	System-on-Chip Solutions for Advanced UMTS Base Stations
SCW	Scientific Computing World (Journal)
SD	Secure Digital (Memory Card)
SD	Security Device
SD	South Dakota (US-Staat/US state)
SD	Standard Definition (Television)
SD	Standard Deviation (statistics)
SD	Sudan (ISO 3166)
SDAP	Service Discovery Application Profile (Telekommunikation/telecommunication)
SDARS	Satellite Digital Audio Radio Services (Telekommunikation/telecommunication)
SDB	Safety Deposit Box
SDBV	Scientific Databases and Visualization (HITS-group)
SDD	Silicon Drift Detector, Silizium-Driftdetektor
SDE	Service Development (or: Delivery) Environment (Telekommunikation/telecommunication)
SDG	Subjective Difference Grade (Telekommunikation/telecommunication)
SDG	Sustainable Development Goal
SdH	Shubnikov – de Haas (effect)
SDH	Synchronous Digital Hierarchy (Übertragungsstandard/transmission standard)
SDHC	Secure Digital High Capacity (memory cards)
SDI	Spectral Differential Imager (beim/at the Very Large Telescope)
SDI	Strategic Defense Initiative
SDI	Subscriber Distribution Interface (Telekommunikation/telecommunication)
SDIO	Strategic Defense Initiative Organization
SDK	Software Development Kit
SDLC	Synchronous Data Link Control
SDLS	Satellite Data Link System (Telekommunikation/telecommunication)
SDM	Sequence Data Management (genome data)
SDM	Spectral Division Method (acoustics)
SDM	Statistical Data Miner
SDMA	Space Division Multiple Access (Telekommunikation/telecommunication)
S-DMB	Satellite Digital Multimedia Broadcasting (Telekommunikation/telecommunication)



SDMI	Secure Digital Music Initiative
SDMS	Scientific Data (or: Document) Management System
SDMT	Similarity-Driven Machine Translation
SDO	Service Development Architecture
SDO	Solar Dynamics Observatory (NASA)
SDO	Standard Development Organizations
SDOF	Single-Degree-of-Freedom (System)
SDP	Service Data (or: Delivery) Point (or: Platform) (Telekommunikation/telecommunication)
SDP	Service Delivery Point (Internet)
SDP	Session Description Protocol (Telekommunikation/telecommunication)
SDR	Satellite Digital Radio
SDR	Service Data Record (Telekommunikation/telecommunication)
SDR	Single Data Rate (2.5 Gb/s)
SDR	Software-Defined Radio (Telekommunikation/telecommunication)
SDR	Standard Dynamic Range (TV)
SDR	Süddeutscher Rundfunk
SDRAM	Synchronous Dynamic Random Access Memory (Computer)
SDRF	Software-Defined Radio Forum (seit/since 1996)
SDS	Secure Data Store
SDS	Short Data Service (Telekommunikation/telecommunication)
SDS	Sodium dodecyl sulphate, Natriumlaurylsulfat
SDS	Solar Disk Sextant
SDSC	San Diego Supercomputer Center
SDSL	Symmetric Digital Subscriber Line
SDSS	Sloan Digital Sky Survey (Astrophysik/astrophysics)
SDSU	San Diego State University (USA)
SDSU	South Dakota State University (USA)
SDT	Service Description Table (Telekommunikation/telecommunication)
SDT	Spin-Dependent Tunneling
SDTB	Stiftung Deutsches Technikmuseum Berlin
SDTS	[ANSI] Spatial Data Transfer Standard
SDTV	Standard-Definition Television [Format]
SDU	Service Data Unit (Telekommunikation/telecommunication)
SDVNC	[International Conference on] Structural Dynamics, Vibration, Noise and Control
SDW	Spin-Density Wave
SE	Schrödinger Equation
SE	Schweden/Sweden (ISO 3166)
S&E	Science and Engineering
SEA	Scientists and Engineers for America (seit/since Sept. 2006)
SEA	Sociedad Española de Acústica
SEAB	Secretary of Energy Advisory Board
SEAC	Standard Eastern Automatic Computer (1952, 3 kB memory, 1 MHz clock speed)
SEAF	Secretary of Energy Advisory Board (USA)
SEAM	Single-Ended Assessment Model (Telekommunikation/telecommunication)
SEA-ME-WE3	South East Asia – Middle East – Western Europe (Kommunikation/communication)
SEAS	School of Engineering and Applied Sciences (University of Pennsylvania and Harvard, USA)
SEATO	South-East Asia Treaty Organization
SEB	Scientific Executive Board
SEB	Sende-, Empfangs- und Bedienungseinheit
SEC	Secondary Electron Conduction
SEC	Securities and Exchange Commission (USA)
SEC	Size Exclusion Chromatography
SEC	Software Engineering Center (Tokyo)
SEC	Solid Electrolyte Coulometry
SecaaS	Security as a Service
SECAM	Séquential à Mémoire
SECCHI	Sun–Earth Connection Coronal and Heliospheric Investigation
SECURIT	Secure Cloud Computing for Critical Infrastructure IT
SECOQC	Secure Communication Based on Quantum Cryptography (EU Project, Wien, AT)
SECR	Spatially Explicit Capture Recapture
SECTAM	Southeastern Conference on Theoretical and Applied Mechanics
SECUF	Synergetic Extreme Condition User Facility (proposed 2013 in China)
Secur-ED	Secure Urban Mass Transportation European Demonstrator
SED	Schweizerischer Erdbebendienst
SED	Single-Electron Device
SED	Sozialistische Einheitspartei Deutschlands (ehem./former DDR)
SED	Special Engineering Detachment (USA)
SED	Stochastic Electrodynamics
SED	Strategic Engineering Division
SED	Surface-Conduction Electron-Emitter Display
SEE	Software Engineering Explained
SEED	Science Education through Experiment and Demonstration (USA)
SEED	Self-Electrooptic-Effect Device
SEG	Society of Exploration Geophysicists (USA)
SEGW	Security Gateway (Telekommunikation/telecommunication)
SEHRS	Surface-Enhanced Hyper-Raman Scattering
SEI	Seebeck Effect Imaging
SEI	Software Engineering Institute

SEIA	Solar Energy Industries Association
SEL	Sound Exposure Level
SELANE	Secure Local Area Network Environment
SELENE	Selenological and Engineering Explorer (japanische Raumsonde zur Monderkundung)
SelK	Selbstständige evangelisch-lutherische Kirche
SELT	Single-Ended Line Testing
SEM	Scanning Electron Microscope (or: Microscopy)
SEM	Shop Efficiency Monitoring
SEM	Society for Experimental Mechanics (früher/formerly: SESA)
SEM	Spectrum Emission Mask
Sematech	Semiconductor Manufacturing Technology (USA, IC-Firmen-Kooperation)
SEMIC.EU	Semantic Interoperability Centre Europe
SEMOS	sensorgestützte Montagesysteme
SEN	Service Execution Node (Telekommunikation/telecommunication)
SENAI	Serviço Nacional de Aprendizagem Industrial (Brasilien)
SENEKA	Sensornetzwerk mit mobilen Robotern für das Katastrophenmanagement
SENTHA	seniorengerechte Technik im häuslichen Alltag (DFG-Forscherguppe)
SEO	Search Engine Optimization
SEP	Service Execution Point (Telekommunikation/telecommunication)
SEP	Société Européenne de Propulsion
SEP	Solar Energetic Particle
SEP	Standard Evaluation Protocol
SEPA	Scottish Environment Protection Agency
SEPA	Single Euro Payments Area
SEPAC	Small European Postal Administrations Cooperation
SEPG	Software Engineering Project Group
SEPNET	South East [England] Photonics Network
SEPSDA	Sino-European Project on SARS Diagnostics and Antivirals
SEQ	Shape Equalizer (optische Telekommunikation/optical telecommunication)
SER	SIP Express Router (Telekommunikation/telecommunication)
SERC	Science and Engineering Research Council (UK)
SERCC	Scientific Ethics and Research Conduct Committee (Univ. Tsukuba, JP)
SERDP	Strategic Environmental Research and Development Program (USA)
SEReC	South-East Regional e-Research Centre (UK)
SERI	Science and Engineering Readiness Index
SERIS	Solar Energy Research Institute of Singapore
SERM	Selective Estrogen Receptor Modulator, selektive Östrogen Rezeptor-Modulatoren
SERS	Surface-Enhanced Raman Spectroscopy (or: Scattering)
SERU	Shared E-Resource Understanding
SES	Satellite Earth Stations and Systems (TC im/in the ETSI)
SES	Senior Executive Service
SES	Single Electron Substance
SES	Société Européenne des Satellites (Luxembourg)
SES	Spin Excitation Spectroscopy
SES	Spracherkennungssystem
SESA	Society for Experimental Stress Analysis (jetzt/now: SEM)
SESAM	Semiconductor Saturable Absorber Mirror
SESAME	Second European Stratospheric Arctic and Midlatitude Experiments
SESAME	Surface Electric (or: Electrical, Seismic) Sounding and Acoustic Monitoring Experiment (Rosetta project)
SESAME	Synchrotron Light for Experimental Science and Application in the Middle East (JO)
SESAR	Single European Sky Air Traffic Management Research
SESE	School of Earth and Space Exploration (at Arizona State University, USA)
SESE	School of Earth, Society, and Environment (University of Illinois at Urbana-Champaign, USA)
SESI	Schiffbauliches Entwurfs- und Simulationssystem
SESS	Smart Embedded Sensor System
SET	Science, Engineering, Technology
SET	Secure Electronic Transaction (Internet, Verschlüsselung/encryption)
SET	Single-Electron Transistor
SET	Single-Electron Tunneling (Oscillations)
SET	Spannungs-Energie-Tensor
SET	Supercomputing Engine Technology
SETA	Systems Engineering and Technical Assistance
SETI	Search for Extraterrestrial Intelligence
SEVA	Self Validating (Sensor)
SEVERI	Spinning Enhanced Visible and Infrared Imager (telescope onboard MSG)
SEVIS	Student and Exchange Visitor Information System (USA)
SEWASIE	Semantic Web and Agents in Integrated Economics
SF	Spreading Factor (Telekommunikation/telecommunication)
SFA	Saturated Fatty Acids (gesättigte Fettsäuren)
SFA	Société Française d'Acoustique
SFA	Storage Fusion Architecture
SFA	Surface Force Apparatus
SFAEST	Stabilized Fast A Posteriori Error Sequential Technique (Algorithmus/algorithm)
SFB	Sender Freies Berlin
SFB	Sonderforschungsbereich (DFG)
SFB	Surface Force Balance
SFC	Solid Fat Content
SFC	Supercritical Fluid Chromatography

SFF CAVE	Small Form Factor Computer-Aided Virtual Environment
SFG	Sum-Frequency Generation
SFI	Santa Fe Institute (NM, USA)
SFI	Strong-Field Ionization
SFIC	Strategic Forum for International Cooperation (EU)
SFL	Space Flight Laboratory (at UTIAS)
SFM	Scanning Force Microscopy
SFM	Société Française des Mécaniciens
SFN	Single Frequency Network, Gleichwellennetz (Digitalrundfunk/digital broadcast)
SFN	System Frame Number (Telekommunikation/telecommunication)
SFOAE	Stimulus Frequency Otoacoustic Emission
SFOBB	San Francisco–Oakland Bay Bridge
SFOR	Stabilization Force (21.12.1996 bis 21.12.2004/Dec. 21, 1996 through Dec. 21, 2004, davor/formerly: IFOR, danach/thereafter: EUFOR)
SFP	Société Française de Physique
SFR	Société Française Radio-électrique
SFS	Sound Field Synthesis
SFSU	San Francisco State University (USA)
SFV	Simian Foamy Virus (a retrovirus)
SFZ	Sekretariat für Zukunftsforschung (Gelsenkirchen)
SG	Security Gateway (Telekommunikation/telecommunication)
SG	Signaling Gateway (Telekommunikation/telecommunication)
SG	Singapur/Singapore (ISO 3166)
SG	Strain Gage
SG	Study Group
SGA	Schweizerische Gesellschaft für Akustik
SGA	Séminaire de Géométrie Algébrique
SGC	Spiral Ganglion Cell
SGC	Structural Genomics Consortium
SGCP	Simple Gateway Control Protocol (Telekommunikation/telecommunication)
SGDBR	Sampled-Grating Distributed-Bragg-Reflector (Laser)
SGE	Sun Grid Engine
SGESS	Smart Grid Energy Storage System (FhG-IFF)
SGI	Silicon Graphics, Inc. (Mountain View, CA, USA)
SGM	Semi-Global Matching (DLR algorithm for photogrammetry)
SGML	Standard General(ized) Markup Language
SGR	Soft Gamma Repeaters (Astrophysik/astrophysics)
SGS	Southeastern Geophysical Society (USA)
SGSN	Serving GPRS (Support) Node (Telekommunikation/telecommunication)
SGW	Security Gateway (Telekommunikation/telecommunication)
SH	Schleswig-Holstein (Bundesland/German Federal State)
SH	St. Helena (ISO 3166)
SHA	Sample-and-Hold Amplifier
SHA	Staatshochbauamt
SHA	State Highway Agency (USA)
SHAPE	Supreme Headquarters Allied Powers Europe
SHARAD	Shallow Radar (Mars sounding instrument)
SHARE	Shared Access Research Ecosystem
SHARE	Supporting Rescue Forcrews with Data Services and Multimodality (EU project)
SHARF	Simplified Hyperstable Adaptive Recursive Filter
SHARP	Stratospheric Change and its Role for Climate Prediction (DFG-Forschergruppe)
SHAVE	Shared Virtual Environment
SHD	Synchronous Digital Hierarchy (optische Nachrichtenübertragung/optical data transfer)
SHDSL	Single Pair (or: Synchronous) High Speed (or: Symmetric High Density) Digital Subscriber Line (Telekommunikation/telecommunication)
SHE	Spin Hall Effect
SHE	Superheavy Element
SHEDS	Super-High-Efficiency Diode Sources
SHEFC	Scottish Higher Education Funding Council
SHEFEX	Sharp Edge Flight Experiment (Raumfahrt/spacecraft)
SHEMIC	Sharp Edge Microgravity Capsule (Raumfahrt/spacecraft)
SHeQUID	Superfluid Helium Quantum Interference Device
SHF	Super High Frequency (3 – 30 GHz)
SHG	Second Harmonic Generation
SHiP	Search for the Hidden Particles
SHIP	Separator for Heavy Ion Reaction Products (GSI, Darmstadt, DE)
SHK	Sanitär-, Heizungs- und Klimatechnik
SHM	Structural Health Monitoring
SHO	Soft Handover (Telekommunikation/telecommunication)
SHOP	Shell Higher Olefin Process
SHPM	Scanning Hall Probe Microscopy
SHQP	Sources for the History of Quantum Physics
SHRIMP	Sensitive High-Resolution Ion Microprobe
SHS	Solar Home System
SHT	Systemhaus Technik (DLR, Köln)
SHTML	Secure HTML (Telekommunikation/telecommunication)
SHV	Super High-Vision (höchstauflösendes Fernsehen/TV)
SHY	Synaptic Homeostasis Hypothesis

SI	Scintillation Index
SI	Service Information
SI	Slowenien/Slovenia (ISO 3166)
SI	Speech Intelligibility
SI	Système International d'Unités
SIA	Semiconductor Industry Association
SIAM	Scanning Interferometric Apertureless Microscopy
SIAM	Society for Industrial and Applied Mathematics (USA)
SIB	Service Independent Building Block (Telekommunikation/telecommunication)
SIB	System Information Block
SiC	Siliziumkarbid
SICAHF	Studies Investigating Comorbidities Aggravating Heart Failure (heart analysis software, UK)
SICM	Scanning-Ion Conduction Microscopy
SID	Shared Information Data Model (Telekommunikation/telecommunication)
SID	Signal Interface Device
SID	Silicon Detector (for the International Linear Collider)
SID	Society of Information Display
SIDO	Single-In, Dual-Out
SIF	Small Image Format (Bildcodierung/picture coding)
SIF	Società Italiana di Fisica
SIF	Solar-Induced Fluorescence
SIFT	Scale Invariant Feature Transform
SIFT	Scanning for Intensely Fluorescent Targets (Prionen-Nachweis/prion monitoring)
SIG	Special Interest Group
SIGIS	Scanning Infrared Gas Imaging System
SIGMA	Support for Improvement in Governance and Management (EU)
SIGN	Schutz von Ideen für die gewerbliche Nutzung (Programm des Bundesministeriums für Wirtschaft und Technologie)
SII	Speech Intelligibility Index
SIL	Safety Integrity Level
SIL	Software-in-the-Loop
SiLA	Standardisation in Lab Automation
SILEX	Semiconductor Laser Inter-Satellite Link Experiment (1998)
SILEX	Separation of Isotopes by Laser Excitation
SILKS	Supercomputing Institute for Learning and Knowledge Systems (Albuquerque, NM, USA)
SILL	Strategic Illuminator Laser (US-Waffe/weapon)
SIM	Skalierungs-Index-Methode (nichtlineare Dynamik/nonlinear dynamics)
SIM	Space Interferometry Mission
SIM	Structured Illumination Microscopy
SIM	Subscriber Identification (or: Identity) Module (Mobiltelefon/mobile phone)
SIMBA	Silizium-Implantationsdetektor und Beta-Absorber (Kernphysik, GSI)
SIMBA	Superhigh Intensity Mono-Beam Amplifier Chain (KrF-Laser)
SIMBAD	Similarity-Based Pattern Analysis and Recognition (EU project, FP7)
SIMCOS	Advanced Simulation and Control of Dynamic Stall (DLR/ONERA cooperation on helicopter technology)
SIMD	Single Instruction, Multiple Data (Rechnerarchitektur/computer architecture)
SIMM	Single Inline Memory Module
SIMMWIC	Silicon Monolithic Millimeter Wave Integrated Circuit
SIMO	Single Input – Multiple Output (Regelung oder System/controller or system)
SIMPLE	Session Initiation Protocol for Instant Messaging and Presence Leveraging Extension (Telekommunikation/telecommunication)
SIMS	Secondary Ion Mass Spectroscopy (or: Spectrometry, or: Spectrometer)
SimSAC	Simulating Aircraft Stability and Control Characteristics for Use in Conceptual Design (EU Project)
SIN	Schweizer Institut für Nuklearforschung (Paul Scherrer-Institut, Villingen, CH)
SINE	Short Interspersed Element (Genetik/genetics)
SINFONI	Spectrograph for Integral Field Observation in the Near Infrared
SINQ	[Schweizer Neutronenspallationsquelle] (Paul Scherrer-Institut, Villingen, CH)
SINP	Saha Institute of Nuclear Physics (Kolkata, IN)
SINR	Shanghai Institute of Nuclear Research
SINR	Signal-to-Interference Noise Ratio
SIO	Scripps Institution (or: Institute) of Oceanography
SIOC	Shanghai Institute of Organic Chemistry
SIOF	Società Italiana di Ottica e Fotonica
SiON	Silicon Oxynitride
SIOP	Single Integrated Operations Plan (USA)
SIOS	Svalbard Integrated Arctic Earth Observation System (at UNIS)
SIP	Session Initiation Protocol (Telekommunikation/telecommunication)
SIP	Statistical Isolated Pass-By (road noise measurement method)
SIPEO	Modern Signal Processing Methods for the Next Generation of Earth Observation Satellite Missions
SIPI	Scientists' Institute for Public Information (New York)
SIPI	Short Interpulse Interval (hearing acoustics)
SiPM	Silicon-Photo-Multiplier, Silizium-Photomultiplier
SIPO	State Intellectual Property Office (CN)
SIPOC	Suppliers, Inputs, Process, Outputs, Customers
SIPRI	Stockholm International Peace Research Institute
SIPS	[Workshop on] Signal Processing Systems Design and Implementation
SIPS	Simply Interactive Personal Computer
SIR	Shuttle (or: Spaceborne) Imaging Radar (Satellit/satellite)
SIR	Signal-to-Interference Ratio
SIR	Silent Information Regulator (Molekularbiologie/molecular biology)

SIR	Submission Information Rate (Datennetz/data network)
Siri	Speech Interpretation and Recognition Interface (Apple-Software)
SIRM	Scanning Infrared Microscopy
siRNA	Small Interfering Ribonucleic Acid
SIRP	Signalregulatorisches Protein
SIRTF	Space Infrared Telescope Facility (Satellit/satellite)
SIS	Schengen Information System (EU, Steckbrief-Liste/information on persons and objects sought by national judiciaries)
SIS	Schwerionen-Synchrotron (bei der/at the GSI, Darmstadt)
SIS	Semiconductor–Insulator–Semiconductor (solar cells)
SIS	Spontaneous Information System (Telekommunikation/telecommunication)
SIS	Stateful Inspection System (Firewall)
SIS	Superconductor–Insulator–Superconductor (nanostructure)
SIS	Surface Inversion Strength (Meteorologie/meteorology)
SISAB	Sound Insulation and Sound Absorption
SISAL	Sicherheitsrelevante Systeme und Ansätze in der Luftfahrt
SISO	Single Input – Single Output (Regelung oder System/controller or system)
SISTEC	Simulations- und Softwaretechnik (DLR-Einrichtung)
SIT	Self-Induced Transparency
SIT	[Fraunhofer-] Institut für Sichere Telekommunikation (Darmstadt)
SIT	Sterile Insekten-Technik (FhG)
SIT	Structured Inventive Thinking
SITA	Société Internationale de Télécommunication Aéronautique
SIUC	Southern Illinois University Carbondale (USA)
SIUE	Southern Illinois University Edwardsville (USA)
SIV	Simian Immunodeficiency Virus (Aids-Virus bei Affen/Aids virus of apes)
SIZ	Strategisches Innovationszentrum (der Bayerischen Polizei/of the Bavarian police)
SJ	Svalbard und Jan Mayen-Inseln/Svalbard & Jan Mayen Islands (ISO 3166)
SK	Saskatchewan (Province of Canada)
SK	Sikkim (ISO 3166 bis/until 1975)
SK	Slowakei/Slovakia (ISO 3166)
SKA	Square Kilometre Array (Radioteleskop, geplant für/radio telescope, planned for 2020 in UK)
SKAN	SkyBridge Access Node (Telekommunikation/telecommunication)
SKAT	Skalierbarkeit und Risikominimierung von Technologie bei innovativem Design (DLR und Airbus, Hubschrauberentwicklung, 2014–2017)
SKIP	Spezies-, Kontinuitäts-, Identitäts- und Potentialitäts(argumente) (in der Diskussion über Stammzellenforschung)
SKM	Scanning Kelvin Microscopy
SKT	SkyBridge Terminal (Telekommunikation/telecommunication)
SKT PRO	SkyBridge Professional Terminal (Telekommunikation/telecommunication)
SKT RES	SkyBridge Residential Terminal (Telekommunikation/telecommunication)
SKZ	Süddeutsches Kunststoffzentrum
SL	Saarland (Bundesland/German Federal State)
SL	Schwere Löcher (Halbleiterphysik/semiconductor physics)
SL	Service Level
SL	Sierra Leone (ISO 3166)
SL	Sonoluminescence, Sonolumineszenz
SLA	Service Level Agreement (Telekommunikation/telecommunication)
SLA	Special Libraries Association
SLAC	Stanford Linear Accelerator Center
SLAM	Scanning Laser Acoustical Microscope
SLAM	Simultaneous Localisation and Mapping
SLB	Server Load Balancing (Telekommunikation/telecommunication)
SLBM	Submarine-Launched Ballistic Missile
SLC	Stanford Linear Collider
SLC	Super-Light Car (EU project)
SLCM	Sea-Launched Cruise Missile
SLD	Sanfte Laser-Desorption
SLD	Sequential-Level Difference (auditory acoustics)
SLD	Supercooled Large Droplets
SLED	Superluminescent Light-Emitting Diode
SLEE	Service Logic Execution Environment (Telekommunikation/telecommunication)
SLF	Subscription Location Function (Telekommunikation/telecommunication)
SLG	Schweizerische Liga gegen den Lärm
SLHS	Speech, Language, and Hearing Sciences
SLI	Single Line Injection (Faserverbund-Herstellungsverfahren/production method for fiber compounds)
SLIC	Subscriber Line Interface Circuit (Telekommunikation/telecommunication)
SLIS	Scanning Linear Imager Sensor
SLM	Selective Laser Melting
SLM	Service Level Management (Telekommunikation/telecommunication)
SLM	Spatial Light Modulator
SLO	Scanning Laser Ophthalmoskop(ie)
SLP	Scanning Laser Polarimetrie (Augenheilkunde/ophthalmology)
SLP	Service Location Protocol (Telekommunikation/telecommunication)
SLR	Satelliten-Laser-Radar
SLR	Send(ing) Loudness Rating (Telekommunikation/telecommunication)
SLRI	Short-Lived Radioactive Isotope
SLRV	Safe Light Regional Vehicle (DLR, Stuttgart)
SLS	Selektives Lasersintern (3D-Drucker/3D printer)
SLS	Service Level Specification (Telekommunikation/telecommunication)

SLS	Space Launch System (NASA)
SLS	Swiss Light Source, Synchron-Lichtquelle Schweiz (am Paul-Scherrer-Institut)
SLSA	Schweizerisch-Liechtensteinische Stiftung für Archäologische Forschung im Ausland
SLSC	Scitation Library Service Center (AIP)
SLT	Statistical Learning Theory
SLTE	Subscriber Line Terminal Equipment (Telekommunikation/telecommunication)
SLU	Spoken Language Understanding (automatische Spracherkennung/automatic speech recognition)
SLURM	Simple Linux Utility for Resource Management
SM	San Marino (ISO 3166)
SM	Session Management (Telekommunikation/telecommunication)
SM	Single Mode (optische Telekommunikation/optical telecommunication)
SM	Software Manager
SM	Software Module
SM	Standard Model (Elementarteilchentheorie/elementary particle theory)
SMA	Shape Memory Alloy [or: Actuator]
SMA	Sub-Millimeter Array (Mauna Kea, HI, USA)
SMAC	Stockholm Music Acoustics Conference
SMAD	Sowjetische Militäradministration in Deutschland
SmARPro	Smart Assistance for Humans in Production Systems (BMBF-Projekt)
SMART	Selection with Markers and Advanced Reproductive Technologies (Pflanzenzüchtung)
SMART	Sustainable Management of Available Water Resources with Innovative Technologies (since 2007)
SmartLED	Smart Leading Edge Device (airfoil)
SMATE	Science, Math, and Technology Education
Smavnet	Swarming Micro Air Vehicle Network for Communication Relay
SMB	Small and Medium (Size) Business (= KMU)
SMBH	Supermassive Black Hole (astronomy)
SMC	Service Management Center (Internet)
SMC	Sheet Moulding Compound
SMC	Switch Management Center (Telekommunikation/telecommunication)
SMD	Shaped Metal Deposition
SMD	Surface Mounted Device
SMDC	Space and Missile Defense Command (US Army)
SMDP	Semi-Markov Decision Process
SMDS	Switched Multimegabit Data Service
SME	Small and Medium-Size(d) Enterprise(s) (ESPRIT) [= KMU]
SMES	Superconductor Magnetic Energy Storage, supraleitender magnetischer Energiespeicher
SMEX	Small Explorer Program (USA, Raumfahrt/spacecraft)
SMF	Service Management Function (Telekommunikation/telecommunication)
SMF	Single Mode Fiber (optische Telekommunikation/optical telecommunication)
SMG	Special Mobile Group (TC im/in the ETSI)
SMGCS	Surface Movement Guidance and Control System (Rollverkehrsführungssystem/rolling traffic guidance system)
SMI	Soil Moisture Index
SMIF	Standard Mechanical Interface
SMIL	Synchronized Multimedia Integration Language (Telekommunikation/telecommunication)
SMILE	Scientific Simulation Environment
sMIM	Scanning Microwave Impedance Microscopy
SMIS	Stanford Molecular Imaging Scholars (Program)
SML	Selective Laser Melting (Pulvermetallurgie/powder metallurgy)
SML	Service Management Layer (optische Telekommunikation/optical telecommunication)
SMLC	Serving Mobile Location Center (Telekommunikation/telecommunication)
SMLWEA	Self-Modulated Laser Wakefield Accelerator
SMM	Solar Maximum Mission (NASA)
SMM	Submillimeter (Infrarotastronomie/infrared astronomy)
smORF	Small Open Reading Frame (Genetik/genetics)
SMOW	Standard Mean Ocean Water
SMP	Service Management Point (or: Platform) (Telekommunikation/telecommunication)
SMP	Shape Memory Polymer (or: Plastic)
SMP	Symmetric Multiprocessing
SMPAG	Space Mission Planning Advisory Group
SMPE	Society of Motion Picture Engineers (USA)
SMPLab	Straightforward Modular Prototyping Laboratory (DLR)
SMPP	Short Message Peer-to-Peer (Protocol) (Telekommunikation/telecommunication)
SMPTE	Society of Motion Picture(s) and Television Engineers (USA)
SMR	Small Modular Reactor
SMR	Surface Movement Radar
SMS	Service Management System (Telekommunikation/telecommunication)
SMS	Short Message Service (Telekommunikation/telecommunication)
SMS	Single Molecule Spectroscopy
SMS	Statistical Mode Sensor
SMS	Stromlo Milky Way Satellites (survey, astrophysics) [Mount Stromlo, AU]
SMS-C	Short Message Service Center (Telekommunikation/telecommunication)
SMSL	Supermassereiches Schwarzes Loch (Astrophysik)
SMT	Submillimeter Telescope (USA)
SMT	Surface Mount Technology (Platinenherstellung/printed circuits)
SMTA	Surface Mount Technology Association (Edina, MN, USA)
SMTP	Simple Mail Transport (or: Transfer) Protocol (Telekommunikation/telecommunication)
SMU	Satellite Management Unit
SMU	Source Measure Unit

SMU	Southern Methodist University (USA)
SN	Sachsen (Bundesland/German Federal State)
SN	Senegal (ISO 3166)
SN	Service Node (Telekommunikation/telecommunication)
SNA	Social Network Analysis
SNA	System of National Accounts (Volkswirtschaft/national economy)
SNAAP	Study of Noise and Aerodynamics of Advanced Propellers (EU Forschungsprogramm/research project)
SNAH	Spherical Near-Field Acoustic(al) Holography
SNAM	Scanning Nearfield Acoustical Microscopy
SNAP	Supernova Acceleration Probe (Astrophysik/astrophysics)
SNCF	Société Nationale des Chemins de Fer (FR)
SNCP	Sub-Network Connection Protection (Telekommunikation/telecommunication)
SND	[Alcatel] Submarine Networks Division (Seekabel/transatlantic cable)
SNDTCP	Sub-Network Dependent Convergence Protocol (Telekommunikation/telecommunication)
S-NE	STM Network Element (Telekommunikation/telecommunication)
SNECMA	Société Nationale d'étude et de construction de moteurs d'aviation (Paris, FR)
SNF	Schweizerischer Nationalfonds
SNF	Spent Nuclear Fuel (radioaktiver Abfall/radioactive waste)
SNFUH	Scanning Near-Field Ultrasound Holography
SNG	Satellite News Gathering
SNHL	Sensorineural Hearing Loss
SNI	Siemens Nixdorf Informationssysteme
SNIA	Storage Networking Industry Association
SNIEC	Shanghai New International Exhibition Center (CN)
SNIU	Subscriber's Network Interface Unit
SNL	Sandia National Laboratories (USA)
SNMP	Simple Network Management Protocol (Internet)
SNMS	Secondary Neutral Mass Spectroscopy
SNN	Statistical Neural Networks
SNO	Sudbury (or: Solar) Neutrino Observatory (Sudbury, ON, CA)
SNOM	Scanning Nearfield Optical Microscopy (or: Microscope)
SNOW	Services for Nomadic Workers
SNP	(gesprochen: "Snip") Single Nucleotide Polymorphism
SNR	Signal-to-Noise Ratio
SNR	Supernova Remnant (astrophysics)
SNS	Scuola Normale Superiore (Pisa, IT)
SNS	Social Network(ing) Services
SNS	Spallation Neutron Source (ORNL, Oak Ridge, TN, USA, eröffnet/completed 2006)
SNS	Superconductor-Normal Metal-Superconductor (Nanostructure)
SNSM	School of Natural Sciences and Mathematics (University of South Florida, Tampa, FL, USA)
SNU	Seoul National University (Korea)
SNU	Solar Neutrino Unit (1 SNU = 1 Einfang pro $(10^{36}$ Targetatome·sec)/1 capture per $(10^{36}$ target atoms·sec))
SNV	Studiengesellschaft Nahverkehr Berlin
SO	Somalia (ISO 3166)
SOA	Safe Operating Area
SOA	Scottish Optoelectronics Association
SOA	Semiconductor Optical Amplifier (optische Telekommunikation/optical telecommunication)
SOA	Service(s)-Oriented Architecture (Telekommunikation/telecommunication)
SOAE	spontane otoakustische Emissionen
SOAP	Service Oriented Architecture Protocol (Telekommunikation/telecommunication)
SOAP	Simple Object Access Protocol (Telekommunikation/telecommunication)
SOAR	Southern Observatory for Astronomical Research
SOARS-B	Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors
SOBER	Sonic Boom European Research
SOBIC	[Fraunhofer-] Solar Building Innovation Center (Freiburg i.B., DE)
SOBRAC	Sociedade Brasileira de Acústica
SOC	Security Operations Center (Datensicherheit/data security)
SOC	Self-Organized Criticality
SOC	Science Observation Center (XMM)
SOC	Science Operations Center (NASA)
SOC	Server-On-Chip (computer card)
SOC	Spin-Orbit Coupling
SOC	State of Charge (Batterieüberwachung/battery control)
SoC	System on a Chip (Telekommunikation/telecommunication)
SOCAP	Smart Optical Correlator Auxiliary Processor
SOCCOM	Southern Ocean Carbon and Climate Observations and Modeling Project (since 2014)
SOCK	Science Outreach Catalyst Kit (AIP, Ausbildungsprogramm/education program)
SOCS	Second-Order Cyclostationary Statistics
SOE	Sequence of Events
SOE	Standard Operating Environment
SOEH	School of Occupational and Environmental Hygiene (Vancouver, CA)
SOEP	Sozio-oekonomisches Panel
SOFAR	Sound Fixing and Ranging (Schall-Leitungskanal im Ozean/sound transmission channel in the ocean)
SOFC	Solid Oxide Fuel Cell; Solid Electrolyte Oxygen Fuel Cell (Hochtemperaturbrennstoffzelle/high-temperature fuel cell)
SOFDMA	Scalable Orthogonal Frequency Division Multiple Access (Telekommunikation/telecommunication)
SOFE	Simulated Open Field Environment (acoustics)
SOFENA	Sofia Energy Agency (BG)
SOFI	Soziologisches Forschungsinstitut (Göttingen)

SOFI	Superresolution Optical Fluctuation Imaging
SOFIA	Stratospheric Observatory for Infrared Astronomy (NASA/DLR, seit/since 2006)
SOFIE	Spectroscopy Using Optical Fibres in the Marine Environment (EU Project)
S of R (SoR)	Society of Rheology (USA)
SOG	Spin-On Glass (silicate coating of electronic components)
SOH	Section Overhead (Telekommunikation/telecommunication)
SOH	State of Health (Batterieüberwachung/battery control)
SOHO	Small Office, Home Office (Internet)
SOHO	Solar and Heliospheric Observatory (Satellit/satellite, seit/since 1996)
SOI	Silicon on Insulator (Photonik/photonics)
SOI	Solar Oscillations Investigation (an Bord von/aboard SOHO)
SOIF	Standard Object Interchange Format (für Datenaustausch/for data exchange, Internet)
SOIL	Soil Data and Information Systems Action
SoL	Safety of Life (Satellitentechnik/satellite technology)
SOL	Senioren Online
SOL	Sustainable Organization Library
SoLACES	Solar Autocalibrating EUV/UV Spectrophotometer
SOLAM	Solares Schmelzen von Aluminium in einem direkt bestrahlten Drehrohrofen
SOLAS	International Convention for the Safety of Life at Sea
Solasys	Next Generation Solar Cell and Module Laser Processing System (EU project)
SOLEMI	Solar Energy Mining (DLR)
SOLIS	Synoptic Optical Long-Term Investigations of the Sun (USA)
SOM	Scanning Optical Microscope
SOMAREM	Société Marocaine de Recherches et d'Exploitations Minières
SOMED	Society for Microbial Ecology and Disease
SOMS	Scanning Optical Mosaic Scope
SONAH	Statistically Optimized Near-Field Acoustical Holography
SONAR	Sound Navigation and Ranging
SONATEC	Selbstordnende Nanometer-Technologie
SONET	Synchronous Optical Network (optische Telekommunikation/optical telecommunication)
SONOS	Silizium-Oxid-Nitrid-Oxid-Silizium (Halbleiterspeicher)
SOP	Standard Opening Procedure
SOP	Standard Operating Procedure
SOP	Start of Production (Kfz-Steuerung)
SOP	State of Polarization (Optik/optics)
SOPA	Stop Online Piracy Act
SOPRO	Selbstorganisierende Produktion (Fraunhofer-Projekt)
SOQE	Society for Optical and Quantum Electronics (McLean, VA, USA)
SOR	Society of Rheology (USA)
SORD	Selected Organic Reactions Database
SORS	Spatially Offset Raman Spectroscopy
SORT	Strategic Offensive Reductions Treaty (US–RU, 2002)
SOS	Second-Order Statistics
SOS	Silicon-on-Silicon (Photonik/photonics)
SOS	Space Observatories in School (EU + ESA project)
SoSe	Sommersemester (in Göttingen seit 2007)
SOT	Spin-Orbit Torque
SOTER	Soil and Terrain Database
SOU	Southern Oregon University (USA)
SOWAP	Soil and Water Conservation Project (EU)
SOX	Sarbanes-Oxley Act (Datensicherheit/data security)
SP	Self-Pulsing (Telekommunikation/telecommunication)
SP	Service Provider (Telekommunikation/telecommunication)
SP	Single Precision
SP	Speed Profile (Eisenbahntechnik/railway technology)
SP	Surface Plasmon (elektromagnetische Grenzflächenwelle/electromagnetic boundary layer wave)
SPA	Science Philanthropy Alliance (since 2013)
SPAD	Signals Passed at Danger
SPAD	Single Photon Avalanche Diode
SPADE	Smartphone Platform for Acquisition of Data Experiment
SPAM	[unwanted Internet message]
SPARC	Scholarly Publishing and Academic Resources Coalition (USA)
SPATS	South Pole Acoustic Test Setup
SPAWC	[IEEE International Workshop on] Signal Processing Advances in Wireless Communications
SPB	Statistical Pass-By (traffic noise)
SPC	Science Program(me) Committee (ESA)
SPC	Secretariat of the Pacific Community
SPC	Simple Point Charge
SPC	Statistical Process Control
SPCCR	Swiss Primate Competence Center for Research
SPCOM	Signal Processing for Communication(s) (Telekommunikation/telecommunication)
SPD	Source Product Description (Telekommunikation/telecommunication)
SPD	Sozialdemokratische Partei Deutschlands
SPDJB	Smart Power Distribution Junction Box (Kfz-Technik)
SPE	Society of Petroleum Engineers (USA)
SPE	Stanford Prison Experiment
SPE	Superconducting Power Equipment
SPEAR	Space Plasma Exploration by Active Radar



SPEC	Service de Physique de l'Etat Condensé (CEA Saclay, France)
SPEC	System (or: Standard) Performance Evaluation Cooperative (or: Corporation) (Computer-Prozessor-Leistungsfähigkeits-Test/computer processor performance test)
SPECFP	SPEC-fixed point
SPECINT	SPEC-integer
SPECS	Submillimeter Probe of the Evolution of Cosmic Structure (Michelson interferometer)
SPECT	Single Photon Emission Computer Tomography
SPELDA	Structure porteuse pour lancement doubles Ariane (Ariane-Transportsystem/transport system)
SPES	Ship Parameter Extraction System
SPF	Sender Policy Framework
SPF	Shortest Path First (Telekommunikation/telecommunication)
SPF	Special Purpose Fund (AIP)
SPF	Super Plastic Forming
SPG	Schweizerische Physikalische Gesellschaft
SPH	Smooth(ed) Particle Hydrodynamics
SPLHERE	Spectro-Polarimetric High-Contrast Exoplanet Research Instrument
SPI	Serial Peripheral Interface (serieller Datenbus/serial data bus)
SPI	Service Provider Interface (Telekommunikation/telecommunication)
SPI	Software Process Improvement
SPI	Synchronous Parallel Interface (Telekommunikation/telecommunication)
SPICA	Space Infrared Telescope for Cosmology and Astrophysics (geplant für/planned for 2010)
SPICE	Scientific Processing and Intensive Compute Environment (UK)
SPICE	Simulated Pore Interactive Computing Environment (Supercomputer, 2005)
SPICE	Simulation Program with Integrated Circuit Emphasis
SPICOSA	Science and Policy Integration for Coastal System Assessment (Meeresküstenschutz/seashore protection)
SPIDER	Spectral Phase Interferometry for Direct Electric-Field Reconstruction
SPIE	Society of Photo-Optical Instrumentation Engineers (jetzt/now: International Society for Optical Engineering, or: for Optics and Photonics) (USA)
SPIM	Selective Plane Illumination Microscopy
SPIRE	Spectral and Photometric Imaging Receiver (for FIRST)
SPIRIT	Space Infrared Interferometric Telescope
SPIT	Spam over Internet Telephony
SPL	Sound Pressure Level
SPL	Superconducting Proton Linac (CERN)
SPLM	Scientific Product Lifecycle Management
SPLM	Sudanese People Liberation Movement (South Sudan rebels)
SPM	Scanning Probe Microscopy (or: Microscope)
SPM	Self Phase Modulation
SPM	Self-Protecting Multipath (Rechnernetz/computer network)
SPM	Signal Processing Magazine (IEEE Journal)
SPM	Silicon Photomultiplier (Array)
SPM	Summary for Policy Makers (IPCC, über globale Klimaveränderung/on global climate change)
SPMD	Single-Program Multiple-Data
SPOF	Single Point of Failure
SPORE	Science Prize for Online Resources in Education (USA)
SPOT	Satellite pour l'observation de la terre
SPOT	Satellites and Position Online Tracker (Satelliten-Navigation)
SPP	Schwerpunktprogramm (DFG)
SPP	Serial Port Profile
SPP	Service Provisioning Point (Telekommunikation/telecommunication)
SPP	Surface Plasmon Polariton
SPP	Sustained Petascale Performance
SPQR	Supporting Productive Queries for Research (UK)
SPR	Single Path Routing (Telekommunikation/telecommunication)
SPR	Smith-Purcell Radiation
SPR	Surface Plasmon Resonance
SPRi	Surface Plasmon Resonance Imaging
SPRINT	Strategic Program for Innovation and Technology Transfer
SPRT	Standard Platinum Resistance Thermometer
SP-RTM	Spinpolarisierte Rastertunnelmikroskopie
SPRUCE	Sustainable Preservation Using Community Engagement
SPS	Saudi Positioning System (Saudi Arabia)
SPS	Signal Processing Society (in IEEE)
SPS	Signalling, Protocols and Switching (TC im/in the ETSI)
SPS	Single Photon Source
SPS	The Slovak Physical Society
SPS	Society of Physics Students (USA)
SPS	Spatial Phase Shifting
SPS	speicherprogrammierbare Steuerung (Automatisierungstechnik/automation technology)
SPS	Standard Positioning Service (GPS)
SPS	Super Proton Synchrotron (CERN)
SPSL	Society for the Protection of Science and Learning (London, UK, since 1936; formerly: AAC: Academic Assistance Council)
SPST	School of Physical Science and Technology (Shanghai, CN)
SPSU	Southern Polytechnic State University (USA)
SPT	South Pole Telescope (Amundson-Scott Südpolstation, Antarktis)
SPTM	Signal Processing Theory and Methods
SPTS	Single Program Transport Stream (Telekommunikation/telecommunication)

SPV	Special Purpose Vehicle (Wertpapierhandel/stock exchange)
SPVC	Soft (or: Signalized) Permanent Virtual Circuit (Telekommunikation/telecommunication)
SQ	Signal Quality (Telekommunikation/telecommunication)
SQAM	Sound Quality Assessment Material (Telekommunikation/telecommunication)
SQL	Standard (or: Structural, or: Structured) Query Language (Telekommunikation/telecommunication)
SQUID	Superconducting Quantum Interference Device
SQW	Single Quantum Well
SR	Search Retrieval
SR	Security Router (Telekommunikation/telecommunication)
SR	Segregated Reserves (AIP)
SR	Service Router (Telekommunikation/telecommunication)
SR	Signal Recognition
SR	Simulated Reality, simulierte Realität
SR	Speaker Recognition (Sprachverarbeitung/speech processing)
SR	Surface Reflection (ocean acoustics)
SR	Surinam/Suriname (ISO 3166)
S/R	Switch/Router (Telekommunikation/telecommunication)
SRA	Source-Receiver Array
SRA	Strategic Research Agenda
SRAM	Sequential RAM
SRAM	Static Random-Access Memory (Computer)
SRB	[Yakov] Sinai, [David] Ruelle, [Rufus] Bowen (Maße für Nichtgleichgewichtszustände/measures of nonequilibrium states)
SRB	Storage Resource Broker (supercomputer)
SRC	[European] Security Research Conference
SRC	Statistical Research Center (AIP)
SRC	Strategic Committee and Review (TC im/in the ETSI)
SRD	Science Research Development (EU)
SRD	Short Range Device (Funkgeräte/radio transmitter)
SRES	Special Report on Emission Scenarios (climate research)
SRET	Scanning Reference Electrode Technique
SRF	Specialized Resources Function (Telekommunikation/telecommunication)
SRF	Strain Rate Feedback
SRF	Superconducting Radio Frequency (für Teilchenbeschleuniger/for particle accelerators)
SRG	Senior Research Group (TU Berlin, DE)
SRG	Shared Risk Group (Telekommunikation/telecommunication)
SRI	Stanford Research Institute
SRIF	Science Research Investment Fund (UK)
SRLG	Shared Risk Link Group (Telekommunikation/telecommunication)
SRM	Solar Radiation Management (climate engineering)
SRM	Spatial Release from Masking (Richtungshören/directional hearing)
SRM	Standard Reference Material (Temperaturstandard/temperature standard, NBS)
SRNC	Servicing Radio Network Controller (Telekommunikation/telecommunication)
SRO	Sr <sub>2</sub> RuO <sub>4</sub> (Supraleiter/superconductor)
SRP	Scientific Research Program
SRP	Signal Recognition Particle (Molekularbiologie/molecular biology)
SRP	Special(ized) Resource(s) Point (Telekommunikation/telecommunication)
SRP	System Review Panel
SRR	Search by Range Reduction
SRR	Split-Ring Resonator
SRS	Savannah River Site (NNSA)
SRS	Sequence Retrieval System (Bioinformatik/bioinformatics)
SRS	Shock Response Synthesis
SRS	Speech Recognition System
SRS	Stimulated Raman Scattering (optischer Signalverstärker/optical signal amplifier)
SRS	Switching and Routing Server (Telekommunikation/telecommunication)
SRS	Synchrotron Radiation Source (Daresbury Laboratory, GB)
SRT	Sardinia Radio Telescope (Italy)
SRT	Source/Receiver Transponder
SRT	Speech Reception Threshold
SRT	Spezielle Relativitätstheorie
SRTM	Shuttle Radar Topography Mission
SRTT	Standard Reference Test Tire (ASTM)
SRU	Sachverständigenrat Umwelt
SRVCC	Single Radio Voice Call Continuity (Telekommunikation/telecommunication)
SRV	Sex-Determining Region Y (Genetik/genetics)
SS	Sommersemester (in Göttingen ab 2007: SoSe)
SSA	Sub-Saharan Africa
SSA	Space Situational Awareness (astronomy)
SSAC	Space Scientific Advisory Committee
SSALTO	Segment sol multimissions d'altimétrie, d'orbitographie et de localisation précise (Satelliten-Altimetrie/satellite height measurement)
SSAP	Statistical Signal and Array Processing (Telekommunikation/telecommunication)
SSARE	School of Solar and Advanced Renewable Energy (University of Toledo, OH, USA)
SSB	Standardsatellitenbus
SSBD	Shaped Sonic Boom Demonstrator
SSBE	Shaped Sonic Boom Experiment
SSBJ	Supersonic Business Jet
SSC	Satellite Station Controller

SSC	Space Science Center (University of New Hampshire, USA)
SSC	Superconducting Super Collider (Texas, USA, geplant, aber 1993 aufgegeben/planned, but abandoned 1993)
SSC	Survey Scientist Consortium (XMM)
SSC	Swedish Space Corporation
SSCO	Satellite Servicing Capabilities Office (NASA)
SSCOP	Service Specific Connection Oriented Protocol (Datennetz/data network)
SSCQE	Single Stimulus Continuous Quality Evaluation (TV)
SSCU	Signal Switching and Conditioning Unit (Telekommunikation/telecommunication)
SSD	Sensory Substitution Device
SSD	Solid State Disk (computer memory)
SSD	Solid State Drive
SSD	Switching System Division (Telekommunikation/telecommunication)
SSEC	Selective Sequence Electronic Calculator (1947, Columbia, USA)
SSET	Superconducting Single-Electron Transistor
SSF	Safe-Speed Function
SSF	Service Switching Function (Telekommunikation/telecommunication)
SSG	Service Selection Group (Telekommunikation/telecommunication)
SSG	Special Study Group
SSH	Sea Surface Height (Satelliten-Altimetrie/satellite height measurement)
SSH	Secured Shell (Telekommunikation/telecommunication)
SSH	Security Server for Home Location Register (Telekommunikation/telecommunication)
SSH	Signaling System Handler (Eisenbahntechnik/railway technology)
SSH	Social Sciences and Humanities
SSI	Site-Specific Immunomodulator, ortsspezifischer Immunomodulator
SSI	Solid State Imaging (or: Imager) [Camera] (Galileo Satellit/satellite)
SSI	Solid State Interlocking
SSI	Stochastic Subspace Identification
SSI	Synchronous-Serial Interface
SSIM	Structural Similarity (Bildanalyse-Verfahren)
SSK	Strahlenschutzkommission
SSL	Secure Socket Layer (Internet, offenes Verschlüsselungs-Protokoll/public encryption protocol)
SSL	Solid-State Lighting
SSL	Space Sciences Laboratory (UCB)
SSL	Superconducting Sensor Laboratory (Chiba, JP)
SSLDC	Solid State Lighting and Display Center (UCSB, later on: SSLEC)
SSLEC	Solid State Lighting and Energy Center (UCSB, formerly: SSLDC)
SSM	Standard Solar Model, Standard-Sonnenmodell (Astrophysik/astrophysics)
SSM	Static Spectrum Management (Telekommunikation/telecommunication)
SSME	Space Shuttle Main Engine
SSMF	Standard Single Mode Fiber (optische Telekommunikation/optical telecommunication)
SSMI	Special Sensor Microwave Imager (Fernerkundung/remote sensing)
SSO	Single Sign-On (Telekommunikation/telecommunication)
SSP	Service Switching Point
SSP	Société Suisse de Physique
SSP	Society for Scholarly Publishing
SSP	Society for Science and the Public
SSP	Species Survival Plan (for animals threatened by extinction)
SSP	Stockpile Stewardship Program
SSPA	Solid State Power Amplifier
SSPS	Space (or: Small) Solar Power System
SSQ	Simulator Sickness Questionnaire (TV: Seekrankheit/motion sickness)
SSR	Secondary Surveillance Radar
SSR	Solid State Relay
SSRL	Stanford Synchrotron Radiation Light Source
SSS	Space Segment
SSRM	Scanning Spreading Resistance Microscopy
SSRM-HR	SSRM-High Resolution
SSRM-DIA	SSRM-Diamond
SSRN	Social Science Research Network
SSST	Southeastern Symposium on System Theory
SSt	Schallschutzstufen (Ruheschutz in Wohnungen/noise protection in homes, VDI-Richtlinie 4100)
SST	Sea Surface Temperature
SST	Shear Stress Transport (turbulence model)
SST	Sport Shift Transmission (Kfz-Kupplung/vehicle clutch)
SST	Subscriber Station (Teilnehmerstation)
SST	Super Sharp Tube (Röntgenröhre/X-ray tube, Philips)
SST	Supersonic Transport (aircraft)
SSU	Scalable Storage Unit
SSU	Synchronization Supply Unit (Telekommunikation/telecommunication)
SSU	System Software Update
SSVF	System Simulation and Verification Facility (ESTEC)
SS7	Signaling System No. 7 (Telekommunikation/telecommunication)
ST	Sachsen-Anhalt (Bundesland/German Federal State)
ST	Sao Tomé und Príncipe/Sao Tome and Principe (ISO 3166)
S&T	Science and Technology
ST	Sixteen Thirty-two (Atari: 16 Bit externer/32 Bit interner Datenbus)
ST	Small Terminal
ST	Street (US Mail)

STA	Science and Technology Agency (Japan)
STA	Station (US Mail)
STA	Statistical Token Analysis (Antispamfilter/anti-spam filter)
STA	Synchronous Transfer Architecture (Signalprozessoren/signal processors)
STABIL	Stand-Off Alarm Bio Laser Induced Fluorescence
STAGE	Scientists, Technologists and Artists Generating Exploration (Institute for Molecular Engineering, University of Chicago, IL, USA)
STAMINA	Standard Method in Noise Analysis (computer program)
STAN	Stereoscopic Analyzer (3D-TV)
STANAG	Standard(ization) NATO Agreement
STAP	Space Time Adaptive Processing
STAP	Stimulus-Triggered Acquisition of Pluripotency (cells)
STAR	GLOBALSTAR Satellite Technology
STAR	Solenoidal Tracker at RHIC
STAR	Standardization and R & D Links (CEN-Arbeitsgruppe/CEN working group)
STAR METRICS	Science and Technology for America's Reinvestment: Measuring the Effect of Research on Innovation, Competitiveness and Science
STARS	Software Technology for Adaptable Reliable Systems
START	Small Tight Aspect Ratio Tokamak (Culham, UK)
START	Strategic Arms Reduction Treaty (or: Talks)
STARTAP	Science, Technology and Research Transit Point (Datennetz/data network of the NSF, Chicago, IL, USA)
STAS	Science and Technology Advisor to the Secretary
STATuS	Schutz der Trinkwasserversorgung im Hinblick auf CBRN-Bedrohungsszenarien (Fraunhofer-Forschungsprojekt)
STB	[NATO] Science and Technology Board
STB	Set Top Box (Telekommunikation/telecommunication)
StB-B	Staatsbibliothek Berlin
STBC	Space Time Block Coding (Telekommunikation/telecommunication)
STC	Signaling and Traffic Control (Eisenbahntechnik/railway technology)
STC	Sound Transmission Class
STC	Space Time Coding
STC	Spanning Tree Protocol (Telekommunikation, Mehrwegausbreitung/telecommunication, multipath propagation)
STD	Subscriber Trunk Dialing (Telekommunikation/telecommunication)
STDT	Spike-Timing-Dependent Plasticity (neurology)
STE	Suite (US Mail)
STEAM	Serial Time-Encoded Amplified Microscopy
ST-ECF	Space Telescope European Coordinating Facility (ESO)
STED	Stimulated Emission Depletion (hochauflösende Mikroskopie/high-resolution microscopy)
STED-ODMR	STED-Optical Detection of Magnetic Resonances
STEM	Scanning Transmission Electron Microscope
STEM	Science(s), Technology, Engineering, and Mathematics (USA, Hochschulkurse/University courses)
STEM	Stammzell-Technologie und Experimentelle Medizin
STEMH	Science, Technology, Engineering, Mathematics, and Health
STEP	Satellite Test of Equivalence Principle
STEP	[German] Students Exchange Programme
STEP	Study about Therapeutic Effects of Intercessory Prayer
STEREO	Solar Terrestrial Relations Observatory (seit/since 2006)
STERN	Studentische Experimental-Raketen (DLR-Projekt)
STF	Shear-Thickening Fluid
STFC	Science and Technology Facilities Council (Warrington, UK)
STFT	Short Time Fourier Transform
STG	Schiffbautechnische Gesellschaft
STG	Simulationsanlage für Treibstrahlen Göttingen (DLR, Satellitenantrieb)
STG-ET	Simulationsanlage für Treibstrahlen Göttingen-Elektrische Triebwerke (DLR, Satellitenantrieb)
SThM	Scanning Thermal Microscopy
STI	Signal-Transduktions-Inhibitor (Medikamentenklasse/medicine class)
STI	Speech Transmission Index
STI	Strutural Intensity
STIKO	Ständige Impfkommision
STIRAP	Stimulated Raman Scattering Involving Adiabatic Passage
STIS	Space Telescope Imaging Spectrograph (on Hubble Space Telescope)
STJ	Superconducting Tunnel Junction
STL	Short-Term Loan (of e-books)
STL	Sound Transmission Loss
STL	Standard Telecommunications Laboratory (Harlow, UK)
STL	Standard Tessellation Language
STL	Studio-to-Transmitter Link
STM	Scanning Thermal Microscopy
STM	Scanning Tunnel(ing) Microscopy (or: Microscope)
STM	Scientific, Technical, and Medical (Editors, or: Information, or: Publishers, or: Conference)
STM	Short-Term Memory
STM	Specific Transmission Module
STM	Synchronous Transfer (or: Transport) Module (Datennetz/data network)
STMT	Satellite Train Mobile Terminal (Telekommunikation/telecommunication)
STN	The Scientific and Technical Information Network (Datenbank/data bank)
STN	Supertwisted Nematic (Flüssigkristalle/liquid crystals)
STO	Strontiumtitanat, SrTiO <sub>3</sub>
STOIC	Spatial, Temporal, and Orientation Information in Contested Environments (DARPA program)
STOL	Short Take-off and Landing
STORM	Stochastic Optical Reconstruction Microscopy

STOV	Spatiotemporal Optical Vortex
STP	Shielded Twisted Pair (Datenkabel/data cable)
STP	Signaling Transfer Point (Telekommunikation/telecommunication)
STP	Silanterminierte Polyurethane (Kleb- und Dichtstoffe/adhesives and seals)
STP	Solar Terrestrial Probe
STP	Spanning Tree [Algorithm and] Protocol (Telekommunikation/telecommunication)
STPI	Science and Technology Policy Institute (USA)
STR	Self-Tuning Regulator
STR	Short Tandem Repeats (in DNA-Sequenzen/in DNA sequences)
STR	Star Tracker (Satellit/satellite)
STRATOS	Safeguarding, Thermal Resources, Avionics, Telecommunication Operations, Systems (DLR, GSOC)
STREP	Specific Targeted Research Project
STRESOIL	[In Situ] Stimulation and Remediation of Contaminated Fractured Soils (Project)
STRF	Spectro (or: Spatio) Temporal Receptive (or: Reference) Field (im Gehirn/in the brain)
STRL	Science and Technical Research Laboratories (NHK, Japan)
STS	Scanning Tunneling Spectroscopy
STS	Science Talent Search
STS	Section de Technicien Supérieure
STS	Space Transportation System
STS	Spin Transfer Switching (Festkörperphysik/solid state physics)
STS	Sulcus Temporalis Superior (im Gehirn/in the brain)
STS	Synchronous Transport Signal (Datennetz/data network)
STS	System Time Stamp (Telekommunikation/telecommunication)
STScI	Space Telescope Science Institute (NASA, Baltimore, MD, USA)
STSF	Spatial Transformation of Sound Fields (Brüel & Kjær)
STT	Spin-Transfer Torque (for nonvolatile computer storage)
STTC	Space-Time Trellis Code
STTD	Space Time Transmit Diversity (Telekommunikation/telecommunication)
STT-MRAM	Spin Transfer Torque Magnetic Random Access Memory
STTI-KL	Software-Technologie-Transfer-Initiative Kaiserslautern (DE)
STTR	Small Business Technology Transfer
Stupa	Studentenparlament
StVO	Straßenverkehrsordnung
STXM	Scanning Transmission X-Ray Microscopy
SU	Sowjetunion/Soviet Union (ISO 3166 bis/until 1992)
SU	Syracuse University (New York, USA)
SUB	[Niedersächsische] Staats- und Universitätsbibliothek (Göttingen)
SuLaDI	Supercooled Large Droplets Icing (DLR)
SULEV	Super Ultra Low Emissions Vehicle
SUMER	Solar Ultraviolet Measurements of Emitted Radiation (an Bord von/aboard SOHO)
SUMO	Simulation of Urban Mobility (DLR, open-source software)
SUMU	Station Unit Module UMTS (Telekommunikation/telecommunication)
SUN	Stadtwerke-Union Nordhessen
SUNDIAL	Speech Understanding and Dialogue
SUNO	Southern University of New Orleans (LA, USA)
SUNY	State University of New York (Buffalo, NY, USA)
SUPA	Scottish Universities Physics Alliance
SUPA	Smart Universal Power Antenna
SUPERGEN	Sustainable Power Generation and Supply (UK Initiative)
SuperSmile	Superior Semiconductor Mid-Infrared Laser
SUPL	Secure User Plane Protocol (Telekommunikation/telecommunication)
SUR	Speech Understanding Research (ARPA project)
SURF	Stanford Underground Research Facility (Lead, SD, USA)
SURF	Speed-Up Robust Features
SURTASS	Surveillance Towed Array Sensor System (US Navy, Sonar)
SUSHI	Standardized Usage Statistics Harvesting Initiative
SUSI	Sydney University Stellar Interferometer
SUSTC	South University of Science and Technology (Shenzhen, China)
SUSTech	Southern University of Science and Technology (China)
SUSY	Supersymmetrie (Elementarteilchentheorie/elementary particle theory)
SUTD	Singapore University of Technology and Design (founded 2009)
SUU	Southern Utah University (USA)
SUV	Sport(s) Utility Vehicle
SV	El Salvador (ISO 3166)
sv	Sievert (Einheit der Strahlendosis)
SV	Speaker Verification (Sprachverarbeitung/speech processing)
SV	Stiftersverband für die Deutsche Wissenschaft e.V.
SVA	Static Visual Acuity
SVB	Statistical Dialect of Visual Basic
SVC	Scalable Video Coding
SVC	Society of Vacuum Coaters
SVC	Switched Virtual Circuit (or: Connection) (Internet)
SVD	Singular Value Decomposition
SVDLTE	Simultaneous Voice and Data Long Term Evolution (Telekommunikation/telecommunication)
SVF	Serial Vector Format
SVG	Scalable Vector Graphics
S-VHS	Super-VHS
SVK	Sauerstoffverzehrkathode (Chlor-Produktion)

SVL	Scientific Vector Language
SVLAN	Stacked VLAN
SVM	Skalierungs-Vektor-Methode (nichtlineare Dynamik/nonlinear dynamics)
SVM	Support Vector Machine (Telekommunikation/telecommunication)
SVMR	Support Vector Machine Regression
SVO	Spectroscopic Virtual Observatory
sVoIP	Secure Voice over IP (Telekommunikation/telecommunication)
SVS	Sprachverständlichkeitsschwelle
SVST	Swedish Vacuum Solar Telescope
SVSU	Saginaw Valley State University (MI, USA)
SVT	Sound and Vibration Technology
SW	Software
SWA	Spurwechselassistent (Kfz)
SWACI	Space Weather Application Center
SWAN	Solar Wind Anisotropy (an Bord von/aboard SOHO)
SWAP	Semantic Web Applications and Perspectives (Conference series)
SWARM	Swift Adaptive Runtime Machine (computer software)
SWAS	Submillimeter Wave Astronomy Satellite
SWATH	Small Water Plane Area Twin Hull (Schiffbau/ship building)
SWC	Slepian-Wolf Coding (Telekommunikation/telecommunication)
SWC	Software Component(s)
SWEA	Engineered Applications of Semantic Web Session
SWEETs	Sugars Will Eventually be Exported Transporters (Proteine, Botanik/proteins, botanics)
SWEPT	Simulated Wake Effects Platform for Turbines
SWF	Südwestfunk
SWHE	Somewhat Homomorphic Encryption
SWICO	Single-Watermarked Image Counterfeit Original (Telekommunikation/telecommunication)
SWIFT	Society for Worldwide Interbank Financial Telecommunication
SWIFTS	Stationary-Wave Integrated Fourier-Transform Spectrometer
SWIM	Small World Indexing Model
SWIR	Shortwave Infrared
SWL	Shock Wave Lithotripsy, Stoßwellen-Lithotripsie
SWLI	Scanning White Light Interferometry, Scannende Weißlichtinterferometrie
SWNT	Single Wall(ed) Nanotubes (or: Single-Walled Carbon Nanotubes)
SWS	Semesterwochenstunde
SWS	Slow-Wave Sleep
SWU	Separative Work Unit (nuclear power plant)
SXT	Soft X-Ray Transient (Astrophysik/astrophysics)
SY	Syrien/Syrian Arab Republic (ISO 3166)
SYMPOL	[Biennial] Symposium on Ocean Electronics
SYN	Synchronize
SysCoP	System for Copyright Protection
SZ	Siemens-Zeitschrift
SZ	Süddeutsche Zeitung
SZ	Swaziland (ISO 3166)
SzM	[Fachgebiet] Systemzuverlässigkeit und Maschinenakustik (TU Darmstadt)

## T

T...	Tera... (Präfix/prefix): 10 <sup>12</sup>
T	Thymin (DNA-Base/DNA base)
TA	Teaching Assistant (USA)
TA	Technikfolgen-Abschätzung
TA	Technische Anleitung
TA	Timing Advance (Telekommunikation/telecommunication)
TAAR	Trace Amine-Associated Receptor (Riechorgan/olfactory organ)
TAB	[Büro für] Technikfolgen-Abschätzer des Bundestages
TAB	Tape Automated Bonding
TAC	Technical Activity Committee (IEEE)
TAC	Technical Assistance Center (Telekommunikation/telecommunication)
TAC	Triazetatzellulose
TAC	Type Approval Code
TACAMO	Take Charge and Move Out (militärisch/military)
TACACS	Terminal Access Controller Access Control System (Telekommunikation/telecommunication)
TACAN	Tactical Air Navigation
TACAS	Traffic Alert and Collision Avoidance System
TACC	Texas Advanced Computing Center (USA)
TACIS	Technical Assistance to the Commonwealth of Independent States (EU)
TACS	Total Access Communication System (Telekommunikation/telecommunication)
TACTS	Transport and Composition in the Upper Troposphere (Research project for HALO)
TADF	Thermally Activated Delayed Fluorescence
TAE	Telekommunikations-Anschluss-Einheit
TAG	Multi-Standard Identification Plate
TAG	Technical Advisory Group
TAI	Temps Atomique International
TAL	Telephonic Acoustic Loss (Telekommunikation/telecommunication)
TAL	[Deutsche] Transalpine Ölleitung
TALC	Technology Adoption Life Cycle (Telekommunikation/telecommunication)

TALENs	Transcription Activator-Like Effector Nuclease
TAM	Thyminanalogue Mutationen (Viren)
TAM	Total Airport Management
TAM	Total Available Market
TAM	Tumorasoziierte Makrophagen
TAMEST	Texas Academy of Medicine, Engineering and Science (USA)
TAML	Tetra Amide Macrocyclic Ligands
TAMR	Thermal Assisted Magnetic Recording
TAMS	Total Airport Management Suite (DLR project)
TAMU	Texas A&M University (Texas, USA)
TAMUG	Texas A&M University, Galveston Campus
TAN	Total Acid Number (Chemie/chemistry)
TAN	Transaktionsnummer (z.B. Homebanking)
TAN	Trust Assured Network
TANA	Techniques for Advanced Network Applications (Internet)
TanDEM-X	TerraSar-X add-on for Digital Elevation Measurement (Satellit/satellite)
TAO	Telecommunications Advancement Organization (Japan)
TAP	Test Access Board
TAP	TETRA Application Platform (Telekommunikation/telecommunication)
TAPI	Telephony Application Programming Interface (Telekommunikation/telecommunication)
TARA	Tsukuba Advanced Research Alliance (Japan)
TARANIS	Terawatt Apparatus for Relativistic and Non-Linear Interdisciplinary Science
TARMAC	Taxi and Ramp Management and Control (DLR, Flughafenbetrieb/airport traffic)
TAROT	Télescope à Action Rapide pour les Objets Transitoires (FR)
TAS	Towed Array Sonar
TAS	Transport Automation Solutions (Eisenbahntechnik/railway technology)
TASCC	Tandem Accelerator Superconducting Cyclotron (Ontario, CA)
Taser	Thomas A. Swift's Electric Rifle (eine Elektroschockwaffe/an electroshock weapon)
TASHE	Thermoacoustic Stirling Heat Engine
TASI	Time Assignment Speech Interpolation
TASK	Terra-, Aqua- und Sanierungs-Kompetenzzentrum Leipzig
TAT	thematischer Apperzeptionstest (Psychologie/psychology)
TAT	Turn Around Time
TAT 12/13	Transatlantic Ring (Glasfaserkabel/glass-fiber cable USA – GB – FR)
TATB	Triaminotrinitrobenzol (Sprengstoff/explosive)
T-Code	TAU: Triangular, Adaptive, Upwind (FVM-Variante/FVM variant)
TAZ	Die Tageszeitung (Berlin)
TA2	Together Anywhere, Together Anytime (EU project)
TB	Time-Bandwidth (Product)
TBB	Threading Building Blocks (Programmiersprache/programming language)
TBC	Thermal Barrier Coating (Wärmedämmschicht)
Tbc	Tuberkulose/tuberculosis
TBCCO	Thallium-Barium-Calcium-Kupferoxid (HTSL)
TBF	Temporary Block Flow (Telekommunikation/telecommunication)
tbG	Technologie-Beteiligungs-Gesellschaft (Tochter der Deutschen Ausgleichsbank)
TBI	Traumatic Brain Injury
TBL	Turbulent Boundary Layer
TBN	Total Base Number (Chemie/chemistry)
TBP	Tri-n-butylphosphat
TBR	Technical Basis for Regulation (DECT)
TBS	Transport Block Size (Telekommunikation/telecommunication)
TBT	Tributylzinn(hybrid) (in Anti-Fouling-Anstrichen/in anti-fouling paints)
TC	Technical Committee (in ASA, CEN, ETSI, IEC, ISO, ...)
TC	Traffic Conditioning
TC	Transcoder (Telekommunikation/telecommunication)
TC	Transmission Convergence (Internet)
TC	Trellis Code (Modulation)
TC	Total Carbon
TC	Turks- und Caicosinseln/Turks and Caicos Islands (ISO 3166)
TCA	Telecom Computing Architecture
TCA	Threshold Crossing Alarms (Telekommunikation/telecommunication)
TCAA	Technical Committee on Architectural Acoustics (ASA)
TCAB	Technical Committee on Animal Bioacoustics (ASA)
TCAO	Technical Committee on Acoustical Oceanography (ASA)
TCAP	Transaction Capabilities Application Part (Telekommunikation/telecommunication)
TCC	Traffic Control Center (Eisenbahntechnik/railway technology)
TCD	Thermal Conductivity Detection
TCDD	2,3,7,8-Tetrachlordibenzo-para-Dioxin („Seveso-Gift“/the „Seveso poison“)
TCE	Transmitter Control Exciter (Telekommunikation/telecommunication)
TCGA	The Cancer Genome Atlas (NIH Forschungsprogramm/research project)
TCH	Traffic Channel (Telekommunikation/telecommunication)
TCHT	Thermo-Chemotherapie (Krebsbekämpfung/cancer treatment)
TCL	Through Camera Lens (Autofocus-System für Videocameras/auto-focus system for video cameras)
TCM	Tagungszentrum Messe (Hannover)
TCM	Traditionelle Chinesische Medizin
TCN	Technical Committee on Noise (ASA)
TCNJ	The College of New Jersey (USA)
TCNQ	8-Tetracyano-p-chinodimethan(id)

TCO	Total Cost of Ownership (or: Operation)
TCO	Transparent Conductive Oxide
TCP	Technological Capabilities Panel (USA)
TCP	Transfer (or: Transmission, or: Transport) Control Protocol (Rechnernetz, Telekommunikation/computer network, telecommunication)
TCP	Tricalciumphosphat
TCP	Tumor-Control Probability
TCPA	Technical Committee on Physical Acoustics (ASA)
TCPM	Tetracyclopropylmethan
TCQ	Trellis Coded Quantization (Datenübertragung/data transfer)
TCR	T-Cell Receptor, T-Zell-Rezeptor (therapy/Therapie)
TCR	Telemetry and Satellite Command and Ranging (Telekommunikation/telecommunication)
TCRP	Transport Cooperation Research Program (Eisenbahntechnik/railway technology)
TCS	Theory and Computing Science (ANL)
TCSA	Technical Committee on Structural Acoustics and Vibration (ASA)
TCSEC	Trusted Computer System Evaluation Criteria
TCSPC	Time-Correlated Single Photon Counting
TCU	Texas Christian University (Fort Worth, TX, USA)
TCU	Traction Control Unit (für Elektrolokomotiven/for electrical locomotives)
TCU	Transmission Control Unit (Kfz-Getriebesteuerung/vehicle gear)
TCUW	Technical Committee on Underwater Acoustics (ASA)
TD	Time Division
TD	Topological Data (Eisenbahntechnik/railway technology)
TD	Transmit Diversity (Telekommunikation/telecommunication)
TD	Tschad/Chad (ISO 3166)
TDA	Diaminotoluol
TDA	Time Domain Analysis
TDA	Triple Detector Array
TDAC	Time Domain Aliasing Cancellation
TDAS	Time Delay Autosynchronization
TDCMA	Time Division CDMA (Telekommunikation/telecommunication)
TDCS	Time Domain Capacitance Spectroscopy
tDCS	Transcranial Direct Current Stimulation (Neuroenhancement)
TDD	Time Division (or: Domain) Duplex(ing) (Telekommunikation/telecommunication)
TDE	Tidal Disruption Event (astrophysics)
TDE	Time Delay Estimation
TDE	Total Development Environment
TDF	Télédiffusion de France
TDF	Train Describer Function
TDI	Time-Delay Integration
TDI	Toluylendiisocyanat
TDI	Turbo Direct Injection (Dieselmotoren mit Direkteinspritzung und Turboaufladung, Kfz)
TDLHS	Tunable Diode Laser Heterodyne Spectrometer (NPL, UK)
TDLS	Tunable Diode Laser Spectroscopy
TDM	Text and Data Mining
TDM	Time Division Multiplex(ing) (Telekommunikation/telecommunication)
TDMA	Time Division Multiple Access (Telekommunikation/telecommunication)
TDMB	Terrestrial Digital Multimedia Broadcasting
TDNN	Time-Delay Neural Network
TDOA	Time Difference of Arrival (Telekommunikation/telecommunication)
TDR	Time-Domain Reflectometry
TDR	Track Decay Rate (rail traffic noise)
TDS	Time-Domain Spectroscopy
TDS	Time-Domain Synchronous
TD-SCDMA	Time Division Synchronous Code Division Multiple Access (Telekommunikation/telecommunication)
T-DSL	Telekom DSL (768 kbps Empfangs- und 128 kbps Sende-Geschwindigkeit/768 kbps receiving and 128 kbps transmitting rate)
TDI	Time Data Table
TDTC	Truck Development and Technology Center (Fort Wayne, IN, USA)
TE	Terminal Equipment (TC im/in the ETSI)
TE	Thermoelectric(s)
TE	Transposable Element, transponierbares Element (Genetik/genetics)
TE	transversal elektrisch (Hohlleitermode/waveguide mode)
TEA	Trombendarteriektomie
TEACCH	Treatment and Education of Autistic and Related Communication Handicapped Children (North Carolina, USA, 1970)
TEAM	Telematik in der Akut-Medizin (EU-Projekt)
TEB	Total Error Band
TEC	Teacher Education Coalition (USA)
TEC	Technical Expertise Center (Telekommunikation/telecommunication)
TEC	Thermoelectric Cooler
TECP	Texas Electronic Coalition for Physics ("Teleteaching")
TECSEL	Terahertz External-Cavity Surface-Emitting Laser
TED	Technology, Entertainment and Design (Konferenz, Preis/conference, prize)
TED	Transnational English Database
TEDDY	The Environmental Determinants of Diabetes in the Young
TEDS	Transducer Electronic Data Sheet
TEENI	Turboshaft Engine Exhaust Noise Identification (EU project)
TEG	[Fraunhofer-] Technologie-Entwicklungsgruppe



TEG	Thermoelektrischer Generator
TEGA	Thermal (and) Evolved Gas Analyzer
TEIN	Trans-Eurasia Information Network
TEL	Transit Exposure Level
TELCERT	Technology Enhanced Learning Conformance – European Requirements and Testing
TELI	Technisch-Literarische Gesellschaft
TELNET	[Terminalemulation] (Rechnernetz)
TEM	Transmissionselektronenmikroskop(ie), Transmission Electron Microscope (or: Microscopy)
TEMIS	Text Mining Solutions
TEMPUS	Trans-European Mobility Programme for University Students (EU)
TEN	Trans-European Network (seit/since 1998, 155 Mbit/s)
TEN-IBK	Transeuropäische Netze – Integrierte Breitbandkommunikation
TENS	transkutane elektrische Nervenstimulation
TEN-T	Trans-European Network – Traffic (Eisenbahntechnik/railway technology)
TEOAE	Transitorisch evozierte otoakustische Emissionen
TEPAC	Tube Engineering Panel Advisory Committee
TEPS	Tissue Engineering Platforms (Industrieverband/industrial association, Straßburg, FR)
TEQ	Tilt Equalizer (optische Telekommunikation/optical telecommunication)
TER	Terrace (US Mail)
TERENA	Trans-European Research and Education Networking Association
TERENO	Terrestrial Environmental Observatories
Terfenol-D	acronym of Tb (Terbium), Dy (Dysprosium), Fe and NOL (Naval Ordnance Laboratory), see J. Appl. Phys. 50 (1979) 1674–1676
TERI	Terrestrial Ecosystems Research Initiative
TERI	The Energy and Resources Institute (Delhi, India)
TERN	Terrestrial Ecosystems Research Network (AU)
TERS	Tip-Enhanced Raman Spectroscopy
TES	Terminal Server
TES	Thermal Emission Spectrum
TES	Transition Edge Sensor (Bildbearbeitung/picture processing)
TESIS	Test Facility for Thermal Energy Storage in Molten Salt (DLR)
TESLA	TeV-Energy Superconducting Linear Accelerator (bei/at DESY, Hamburg, DE, geplant/planned)
TESS	Transiting Exoplanet Survey Satellite (NASA mission, planned for 2017)
TEST	Transferable European Space Technologies
TET	Technologie-Erprobungsträger (DLR, Raumfahrt)
TETRA	Technologien für zukünftige Raumtransportsysteme
TETRA	Trans-European (or: Terrestrial) Trunked Radio Access
TEU	Transmitter Equipment for UMTS (Telekommunikation/telecommunication)
TeVS	Tensor–Vector–Scalar Theory (Gravitationstheorie/gravitational theory)
TEWNI	Transeuropäische Wildlife Network
TEXUS	Technische Experimente unter Schwerelosigkeit
TF	French Southern Territories (ISO 3166)
TFB	Transferbereich (im/in the SFB)
TFD	Time-Frequency Distribution
TFI	Theodor-Förster-Institut (Zentrum für moderne bildgebende Verfahren, UMG)
TFE	Thin Film Filter
TFLOPs/s	Tera-FLOPs/s (= 10 <sup>12</sup> FLOPs/s)
TFO	Tandem-Free Operation (Mobilfunk/mobile radio)
TFOE	Transfer Function of the Open Ear (acoustics)
TFRC	Transport Format Code (Telekommunikation/telecommunication)
TFRI	Transport Format Identifier (Telekommunikation/telecommunication)
TFS	Temporal Fine-Structure (hearing research)
TFSC	Time-Frequency-Space Correlation
TFT	Telegraphen- und Fernsprechtechnik (Zeitschrift, bis 1936)
TFT	Telegraphen-Fernsprech-Funk- und Fernsehtechnik (Zeitschrift, 1937–1944, danach FTZ, danach ntz)
TFT	Thin Film Technology
TFT	Thin-Film Transistor
TFT	Traffic Flow Templates (Telekommunikation/telecommunication)
TFTF	Trivial File Transfer Protocol (Telekommunikation/telecommunication)
TFTR	Tokamak Fusion Test Reactor (Fusionsreaktortechnik/fusion reactor technology, PPPL)
TFTS	Terrestrial Flight Telephone System
TFU	Timing and Frequency Unit (Telekommunikation/telecommunication)
TG	Task Group
TG	Technical Group (INCE)
TG	Togo (ISO 3166)
TGA	Thermal Gravimetric Analysis, Thermogravimetrie
TGA	Trägergemeinschaft für Akkreditierung
TG/CBE	Technical Group on Computer and Business Equipment (INCE)
TGCC	Très Grand Centre de Calcul (bei/near Paris, FR)
TGF	Terrestrial Gamma-Ray Flash
TGF	Transforming Growth Factor
TGHI	Time Gated Holographic Imaging
TGMS	Third Generation Mobile Communication System (Telekommunikation/telecommunication)
TGS	Technologie- und Gründerzentrum Spreekie (Berlin)
TGS	Ticket-Granting Service (Datennetz/data network)
TGV	Train à grande vitesse (französische Hochgeschwindigkeits-Bahn/French high-speed train)
TGW	Trunking Gateway (Telekommunikation/telecommunication)
TGZ	Technologie- und Gründerzentrum

TH	Technische Hochschule
TH	Thailand (ISO 3166)
TH	Thüringen (Bundesland/German Federal State)
THAAD	Theater High Altitude Area Defense (USA)
THC	Tetrahydrocannabinol (Wirkstoff/effective substance in Cannabis)
THCA	Tsinghua Center for Astrophysics
THD	Total Harmonic Distortion (Telekommunikation/telecommunication)
THE	Times Higher Education
THEL	Tactical High-Energy Laser (US-Waffe/weapon)
THEMIS	Thermal Emission Imaging System (Mars-Sonde/Mars probe Odyssey)
THM	Technische Hochschule Mittelhessen (Giessen)
THM	[Fraunhofer-] Technologiezentrum Halbleitermaterialien (Freiberg)
THOR	Thermo Haline Overturning Circulation – at Risk? (Golfstrom-Forschung/Gulf stream research)
THORPEX	The Observing System Research and Predictability Experiment (for better weather forecast)
THRUST	Terabit-Throughput Optical Satellite System Technology (DLR project)
THTR	Thorium-Hochtemperatur-Reaktor (Hamm i. Westf.)
Thums	Total Human Model for Safety (Toyota, virtuelles Dummy/virtual dummy)
TI	Institut für Telematik e.V. (Trier)
TI	Texas Instruments
TIA	Telecom(munications) Industry Association (USA)
TIA	transitorische ischämische Attacke (Medizin)
TIB	Technische Informationsbibliothek (Hannover)
TIC	Technology and Innovation Centre (Glasgow, GB)
TIC	Total Inorganic Carbon
TICAM	Texas Institute of Computational Mathematics (College Park, MD, USA)
TIE	Time Interval Error (Telekommunikation/telecommunication)
TIF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
TIFF	Tag(ged) Image File Format (Graphikformat/graphic file)
TIFPA	Trento Institute for Fundamental Physics and Applications (University of Trento, Northern Italy)
TIFR	Tata Institute of Fundamental Research (Mumbai, IN)
TIG	Tungsten-Inert Gas (Schutzgasschweißen/gas-shielded welding)
TIGR	The Institute for Genomic Research
TIL	Tumor-Infiltrating Lymphocytes, tumorinfiltrierende Lymphozyten (Zellen/cells)
TILL	Track Illuminator Laser (US-Waffe/weapon)
Tilling	Targeting Induced Local Lesions in Genomes
TIM	Terrestrial Interface Module (Telekommunikation/telecommunication)
TIM	Triosephosphate Isomerase
TIMS	Teaching Integrated Math and Science (Chicago, IL, USA)
TIMSS	Third (or: Trends in) International Mathematics and Science Study
TINA	Telecommunications Information Network Architecture
TINA	Transport and Infrastructure Needs Assessment (Eisenbahntechnik/railway technology)
TIP	Technology Innovation Program (USA)
TIP	Terabit IP Router (Telekommunikation/telecommunication)
TIP	Testing Interoperability and Performance
TIPOR	Terabit IP Optical Router (Telekommunikation/telecommunication)
TIPS	Theory of Inventive Problem Solving
TIR	Thermal Infrared Imagery
TIR	Total Internal Reflection (Optik/optics)
TIRA	Tracking and Imaging Radar
TIRF	Total Internal Reflection Fluorescence (microscopy)
TIRS	Transverse Impuls Rocket System (Raumfahrt/spacecraft)
TIS	Total Isotropic Sensitivity (Mobiltelefon/mobile phone)
TISPAN	Telecommunications and Internet Converged Services and Protocols for Advanced Networks
TIT	Tokyo Institute of Technology
TITAN	Thunderstorm Identification Tracking Analysis and Nowcasting (meteorology)
TITUS	Turbular Furnace with Integrated Thermal Analysis Under Space Conditions
TIVA	Thermally Induced Voltage Alteration
TJ	Tadschikistan/Tajikistan (ISO 3166)
TJ	Total Jitter (Telekommunikation/telecommunication)
TJNAF	Thomas Jefferson National Accelerator Facility (Newport News, CA, USA)
TK	Telekommunikation
TK	Tokelau (ISO 3166)
TKG	Telekommunikationsgesetz (25.7.96)
TKIP	Temporal Key Integrity Protocol (Telekommunikation/telecommunication)
TL	Teelöffel (in Rezepten)
TL	Timor-Leste (ISO 3166)
TL	Transmission Loss
TLAR	Top Level Aircraft Requirements
TLB	Technologie-Lizenz-Büro (Universität Karlsruhe, seit 1987)
TLC	Thin Layer Chromatography
TLR	Toll-Like Receptor (Protein)
TLS	Taiwan Light Source
TLs	Thermisches Laserstrahlseparieren (Halbleiterfertigung)
TLs	Total Least Squares (Algorithmus/algorithm)
TLs	Transparent LAN Service(s) (Telekommunikation/telecommunication)
TLs	Transport Layer Security (Telekommunikation/telecommunication)
T-LSP	Transport LSP (Telekommunikation/telecommunication)
TLV	Threshold Limit Value (noise control)

TLV	Type-Length-Value (multiplexing method)
TM	Terminal Multiplexer (Telekommunikation/telecommunication)
TM	Transmission and Multiplexing (TC im/in the ETSI)
TM	transversal magnetisch (Hohlleitermode/waveguide mode)
TM	Turkmenistan (ISO 3166)
TMA	Target Motion Analysis (passive sonar)
TMA	Trimethylamin
TMAO	Trimethylamin-N-Oxid
TMC	Telecommunication Metrology Center (China)
TMC	Traffic Message Channel (Verkehrsnachrichtenkanal)
TMCC	Transmission and Multiplexing Configuration (and) Control (Telekommunikation/telecommunication)
TMD	Transition-Metal Dichalcogenide
TMDS	Transition Minimizer Differential Signalling (Telekommunikation/telecommunication)
TMF	Technologie- und Methodenplattform für die vernetzte medizinische Forschung
TMF	Telecommunications Management Forum (Telekommunikation/telecommunication)
TMI	Texas Materials Institute
TMM	Transfer Matrix Method
TMN	Telecommunication(s) Management Network (Telekommunikation/telecommunication)
TMP	Turbomolekularpumpe
TMR	Targeted Muscle Reinnervation
TMR	Training and Mobility of Researchers (EU-Programm/EU program)
TMR	Tunneling Magnetoresistance
TMS	transkranielle Magnetstimulation
TMS	Transportable Monitoring System (Telekommunikation/telecommunication)
TMT	Thirty Meter Telescope (Baubeginn/start of construction: 2014)
TMTC	Telemetry/Telecommand
TMTSF	Tetramethyltetraselenanfulvalen (organischer Supraleiter/organic superconductor)
TN	Tennessee (US-Staat/US state)
TN	Tunesien/Tunisia (ISO 3166)
TN	Twisted Nematic (Flüssigkristalle/liquid crystals)
TNAZ	Trinitroazetin (Sprengstoff/explosive)
TNF	Tumor Nekrose Factor, Tumor Necrosis Factor (Medizin/medicine)
TNL	Transport Network Layer (Telekommunikation/telecommunication)
TNM	Traffic Noise Model (FHWA)
TNM	Tumor, Nodi [Lymphknoten], Metastasen (Krebsstadium-Klassifizierung/cancer state classification)
TNNW	Trauma-Netzwerk Nordwest (Medizin)
TNO	[Nederlandse organisatie voor] Toegepast Natuurwetenschappelijk Onderzoek
TNPP	Telocator Network Paging Protocol
TNT	Trinitrotoluol (Sprengstoff/explosive)
TNT	Tunneling Nanotube
TO	Thermo-Optical [Effects]
TO	Tonga (ISO 3166)
ToA	Time of Arrival
TOA	Top of Atmosphere (meteorology)
TOC	Total Organic Carbon
TOE	Theory of Everything
TOEFL	Test of English as a Foreign Language (Sprachtest für Austauschstudenten)
TOF	Time-of-Flight (z.B. im Massenspektrometer/e.g. in mass spectrometers)
TOFM	Time of Flight Modulation
TOFMS	Time-of-Flight Mass Spectrometer
TOGS	Transportable Optical Ground Station (DLR)
TOI	Third-Order Intercept (Telekommunikation/telecommunication)
Tokamak	[russ. Abk.: Ringkammer mit Magnetspule/Russian abbrev.: ring chamber with magnets] (Kernfusionsreaktor/nuclear fusion reactor)
TOM	Topical Meeting
TOMS	Total Ozone Mapping Sensor (or: Spectrometer)
TON	Taiwan Oscillation Network
TOP	Tagesordnungspunkt
TOP	Technical and Office Protocol (Datennetz/data networks)
TOP	thermooptisch variabler Polymerwerkstoff
TOP	Time-Averaged Orbiting Potential
TOPAS	Tankfahrzeug mit optimierten passiven und aktiven Sicherheitseinrichtungen
Top-Bat	Temperaturoptimierte Batteriemodule mit instrumentierten Zellen (BMBF-Projekt)
TOPP	Tagging of Pacific Predators (Meeresbiologie/marine biology)
TOPS	Teaching Opportunities in Physical Science (MIT program, USA)
TOPS	Towards Other Planetary Systems (Astronomie/astronomy)
TOPS	Trends in Optics and Photonic Series (OSA, Buchreihe/book series)
TOR	Target of Rapamycin (Protein)
TORC	Temporal Orthogonal Ripple Combination (stimulus in behavioral physiology experiments)
TORO	Torque-Controlled Humanoid Robot (DLR)
TOS	TETRA Operation Server (Telekommunikation/telecommunication)
TOS	The Obesity Society
TOS	The Operating System
TOS	Type of Service (Telekommunikation/telecommunication)
TOT	Time Offset Table
TOU	Technologieorientierte Unternehmensgründungen (Modellversuch, neue Bundesländer)
TOXC	Transparent Optical Cross-Connect (optische Telekommunikation/optical telecommunication)
TP	Throughput

TP	Traffic Program (Verkehrsfunk)
TPA	Teaching Public Administration (Journal)
TPA	Transfer Path Analysis
TPA	Transient Program Area
TPC	Time Projection Chamber (ALICE, CERN)
TPC	Transmission Power Control (Telekommunikation/telecommunication)
TPC5	Transpacific Cable Link (Glasfaserkabel/glass-fiber cable USA – Japan)
TPD	Technisch Physische Dienst (TNO-TU Delft, NL)
TPE	Thermoplastisches Elastomer
TPEG	Transport Protocol Expert Group (Verkehrsinformationsstandard)
TPF	Terrestrial Planet Finder (planned for 2020, but since 2006 indefinitely postponed)
TPFM	Two-Photon Fluorescence Microscopy
TPH	Tryptophane Hydroxylase (ein Enzym/an enzyme)
TPI	Terahertz Pulse Imaging
TPI	Threads per Inch (optisches Gewinde/optical thread)
TPKE	Turnpike (US Mail)
TPM	Technological Protection Measures
TPM	Third Party Maintenance
TPM	Tyre Pressure Monitoring (Kfz/motor vehicle)
TPMS	Tire Pressure Monitoring System (= RDK)
TPOM	Technical Program Organizing Meeting (ASA)
TPP	Tympanometric Peak Pressure (physiological acoustics)
TPS	Taiwan Photon Source
TPS	Temporal Phase Shifting
TPS	Thermal Protection System (Raumfahrt/spacecraft)
TPS	Think-Pair-Share (educational concept)
TPS	Transmission (or: Transport) Parameter Signaling (Telekommunikation/telecommunication)
TPS	Turbine Powered Simulators (Modelltriebwerke/model thrusters)
TPSDA	Triple Play Service Delivery Architecture (Telekommunikation/telecommunication)
TPSI	Temporal Phase Shifting Interferometer
TPU	Thermoplastisches Polyurethan
TPV	Thermophotovoltaik
TPX	Tokamak Physics Experiment (Fusionsreaktortechnik/fusion reactor technology, PPPL)
TQM	Total Quality Management
TQR	Thermal Quasi-Reflectography (for analyzing art)
TR	Time Reversal (signal processing)
T/R	Transmit/Receive [Modus] (Telekommunikation/telecommunication)
TR	Türkei/Turkey (ISO 3166)
TRA	Telegraphentechnisches Reichsamt (Berlin, 1.10.1920–31.3.1928/Oct. 1, 1920–March 31, 1928, danach/thereafter: RPZ)
TRA	Time Reversal Acoustics
TRACE	Transition Region and Coronal Explorer (Sonnensatellit/solar satellite)
TRACS	Tool Representation and Communication System (Telekommunikation/telecommunication)
TRACT	Transport Rotorcraft Airframe Crash Testbed (NASA)
TRADE	Transatlantic Research and Development Environment
TRAMRAD	Traffic Monitoring with Radar (DLR project)
TRANS	Technologien aus der Raumfahrt für Anwendungen in Nicht-Raumfahrtsparten (DLR und MST Aerospace GmbH, Köln)
Transceiver	Transmitter + Receiver
Trans-CSP	Trans-Mediterranean Interconnection for Concentrating Solar Power
TRANSEC	Transmission Security (Telekommunikation/telecommunication)
Transponder	Transmitter + Responder
TRAP	Temporal Pattern (Spracherkennung/speech recognition)
TRAPPIST	Transiting Planets and Planetesimals Small Telescope
T rays	[Terahertz rays], $0.3 \times 10^{12} - 10 \times 10^{12}$ Hz
TRBF	Technische Regeln für brennbare Flüssigkeiten
TRC	Tone Reproduction Curve (Bildverarbeitung/picture processing)
TRC	Traction Control (Kfz/motor vehicle)
TRC	Transducer Research Center (University of California, Los Angeles, CA, USA)
TRC	Transportation Research Center (Ohio State University, USA)
TRC	Tsukuba Research Consortium (Japan)
TRD	Transition Radio Detector
TRE	Transceiver Equipment (Telekommunikation/telecommunication)
TREC	Text Retrieval Conference
TREC	Théorie des Réseaux et Communications
TRECVID	Text Retrieval Conference Video Retrieval Evaluation
TRELBS	Time-Resolved Laser-Induced Breakdown Spectroscopy
TREND	Time Reversal Elastic Nonlinearity Diagnostic
TREO	Tucson Regional Economic Opportunities (Arizona, USA)
T-REX	Thomson-Radiated Extreme X-Ray Source
TRF	Time-Resolved Fluorescence
T-RFLP	Terminal Fragment Length Polymorphism (DNA analysis)
TRGS	Technische Regeln für Gefahrstoffe
TRI	Time Reversal Invariance
Tri	Trichlorethen
TRIE	Transplant Research Integration in Europe (EU project)
TRIP	Trade Related Aspects of Intellectual Property
TRIP	Transformation Induced Plasticity (Stahlerzeugung/steel production)

TRIPS	Tera-Op, Reliable, Intelligently Adaptive Processing System
TRIPS	Trade-Related Aspects of Intellectual Property Rights
TRIUMF	[Kanadisches Kernforschungszentrum/Canadian nuclear research center]
TRIZ	Teoriya Resheniya Izobratelskikh Zadach (russische Abkürzung für TIPS/Russian abbreviation of TIPS)
TRK	Technische Richtkonzentration
TRM	Thermal Radiation Management (climate engineering)
TRM	Thermal Remanent Magnetization
TRM	Time Reversal Mirror
TRM	Translationszentrum für Regenerative Medizin (Universität Leipzig)
TRM	Transmission Resource Management (Telekommunikation/telecommunication)
TRM	Transmit-Receive Module (Telekommunikation/telecommunication)
TRMM	Tropical Rainfall Measuring Mission
TRN	Topology Representing Network (Selbstorganisation/self organization)
TRö	Die Telefunken-Röhre (Zeitschrift)
TROCCINOX	Tropical Convection, Cirrus, and Nitrogen Oxides Experiment
TRON	Testbed for Robotic Optical Navigation, Testumgebung für robotische optische Navigation (DLR-Institut für Raumfahrtssysteme, Bremen)
TROSY	Transverse Relaxation-Optimized Spectroscopy
TRP	Test Resource Partitioning
TRP	Time Reversal Process
TRP	Total Radiated Power (z.B. Mobiltelefon/e.g., mobile phone)
TRP	Transient Receptor Potential Channel (Protein)
TRPV	Transient Receptor Potential Vanilloid (Ionenkanal/ion channel)
TRS	Time-Reversal Symmetry (Theoretische Physik/theoretical physics)
TRSPIV	Time-Resolved Stereo Particle Image Velocimetry
TRU	Transuranic Waste (radioaktiver Abfall/radioactive waste)
TRUE	Time-Reversed Ultrasonically Encoded (e.g., biomedical imaging)
TRX	Transceiver (Mobilfunk/mobile radio)
TS	Target Strength
T/S	Terrestrial/Satellite (Telekommunikation/telecommunication)
TS	Time Slot (Datenübertragung/data transmission)
TS	Topic Segmentation (Sprachverarbeitung/speech processing)
TS	Transition State (Molekülphysik/molecular physics)
TS	Transport Stream (Digitalrundfunk/digital broadcast)
TSA	Test Services Agreement
TSA	Transport Security Administration (USA)
TSAPI	Telephone Services Application Programming Interface (Telekommunikation/telecommunication)
TSC	Training Sequence Code (Telekommunikation/telecommunication)
TSC-IP	Transparent System Connector IP (Telekommunikation/telecommunication)
TSD	Transport Solutions Division (Eisenbahntechnik/railway technology)
TSE	Total Solar Eclipse
TSER	Targeted Socio-Economic Research Programme (EC)
T-SGW	Transport Signaling Gateway (Telekommunikation/telecommunication)
TSI	(Benzinmotoren mit Direkteinspritzung und Aufladung, Kfz)
TSI	Technical Specifications (or: Standard) for Interoperability (Eisenbahntechnik/railway technology)
TSI	Total Solar Irradiance
TSL	Thermosensitives Liposom
TSLP	Thymisches stromales Lymphopoietin, Thymic Stromal Lymphopoietin
TSM	Tandem Scanning Microscope
TSMF	Transport Stream Multiplexing Frame (Telekommunikation/telecommunication)
TSO	Technical Specifications Organizations
TSOM	Traffic and Service Optimization Module (Telekommunikation/telecommunication)
TSP	Temperature Sensitive Paint
TSP	Thiele Small Parameter (Lautsprechertest/loudspeaker test)
TSP	Traveling Salesman Problem
TSR	Tag Switched Routing (Telekommunikation/telecommunication)
TSR	Terminate and Stay Resident
TSR	Test-Speicher-Ring (in Heidelberg)
TSS	Teleworker Success Suite (Telekommunikation/telecommunication)
TSS	TETRA Security System (Telekommunikation/telecommunication)
TSST	Trierer Sozial-Stress Test
TST	Transition State Theory (Molekülphysik/molecular physics)
TST	Trusted Signature Terminal
TSU	Tennessee State University
TSV	Through Silicon Via (Chip-Fertigung/chip manufacturing)
TT	Technology Transfer
TT	Terrestrial Time (vorher/formerly: ET)
TT	Traffic Trunk (Telekommunikation/telecommunication)
TT	Trinidad und/and Tobago (ISO 3166)
TT	Trust Territory (US Mail)
TTB	Tax and Trade Bureau (USA)
TTBT	Threshold Test Ban Treaty
TTC	Telecommunications Technology Council (Japan)
TTC	Telemetry and Telecommand
TTC	Time-to-Collision
TT&C	Tracking, Telemetry and Command (Telekommunikation/telecommunication)
TTCN	Testing and Test Control Notation
TTCN	Tree and Tabular Combined Notation

TTCP	The Technical Cooperation Program
T-TEP	Task Force on Teacher Education in Physics (USA 2008)
TTF	Tetrathiafulvalen
TTFF	Time to First Fix (GPS-Ortung)
TTG	Transmit Transition Gap (Telekommunikation/telecommunication)
TTH	Testzentrum für Tragstrukturen Hannover
TTI	Transmission Time Interval (Telekommunikation/telecommunication)
TTIP	Transatlantic Trade and Investment Partnership
TTL	Time to Live
TTL	Transistor-Transistor Logic
TTLS	Tunneled Transport-Layer Security (Telekommunikation/telecommunication)
TTP	Thrusted Third Party (Telekommunikation/telecommunication)
TTP	Thymidintriphosphat
TTR	Time to Repair
TTR	Touch-Tone Receiver
TTS	T-Tauri-Sterne
TTS	Temporary Threshold Shift (Gehör/in Hearing)
TTS	Text-to-Speech (Sprachsynthese/speech synthesis)
TTS	The Transplantation Society
TTSP	Transport Theory and Statistical Physics (Journal)
TTU	Texas Tech University (USA)
TU	Technische Universität
TU	Terminal Unit
TU	Transmission Unit (Telekommunikation/telecommunication)
TUB	Technische Universität Berlin (DE)
TUCL	Tribhuvan University Central Library (Nepal)
TUD	Technical University of Denmark
TUD	Technische Universität Darmstadt (DE)
TUD	Technische Universität Dresden (DE)
TUG	[National astronomical observatory of Turkey]
TUG	$\TeX$ User Group
TUG	Technische Universität Gdansk (PL)
TUHH	Technische Universität Hamburg-Harburg (DE)
TUI	Touristik Union International GmbH & Co. KG
TULIP	The University Licensing Program
TUM	Technische Universität München (DE)
TUNL	Triangle Universities Nuclear Laboratory (USA)
TUT	Tshwane University of Technology (Pretoria, South Africa)
TUTB	European Confederation of Trade Unions (Technical Bord) [Europäischer Gewerkschaftsbund (Technisches Büro)]
TUW	Technische Universität Wien (AT)
TV	Television
TV	Tuvalu (ISO 3166)
TVA	Tennessee Valley Authority (USA)
TVC	Thrust Vector Control [System] (Mechatronics/mechatronics)
TVD	Total Variation Diminishing (numerisches Rechenverfahren/numerical computation)
TVG	Time-Varying Gain (underwater sound transducer)
TVI	Time-Varying Intensity
TVM	Transmission Voie-Machine (im grenzüberschreitenden ICE-Verkehr zwischen Deutschland und Frankreich/border crossing rail-traffic between Germany and France)
TVML	TV Program Making Language, Television Markup Language
TVO	Trinkwasserverordnung
TVSS	Tactile Vision Substitution System
TVWO	Technical Visualisation Workload Optimisation
TV4U	Television for You
TW	Taiwan (ISO 3166)
TWA	Time Weighted Average
TWA	Transmit Wavelength Adapter (optische Kommunikation/optical communication)
TWAN	The World at Night (group of astro-photographers)
TWAS	Third World Academy of Sciences; now: Academy of Sciences for the Developing World
TWC	Three Way Catalytic (Auspuff/muffler)
TWD	Transparente Wärmedämmung
TWG	Transsonischer Windkanal Göttingen (DLR)
TWI	The Welding Institute (Stahlinstitut, Düsseldorf, DE)
TWICO	Twin-Watermarked Images Counterfeit Original (Telekommunikation/telecommunication)
TWIP	Twinning Induced Plasticity (hochdehnbarer Stahl/highly tensile steel)
TWM	Three-Wave Mixing
TWPM	Topologically Aware Worm Propagation Model (Computer-Würmer)
TWT	Traveling Wave Tube (Mikrowellen/microwaves)
TWTA	Traveling Wave Tube Amplifier (Mikrowellenverstärker/microwave amplifier)
TX	Texas (US-Staat/US state)
Tx, TX	Transmit
TxACE	Texas Analog Center of Excellence
TXT	[Dateinamenerweiterung: Textdatei/file name extension: text file]
TZ	Tansania/Tanzania (ISO 3166)
TZ	Telefunken Zeitschrift
TZPV	Testzentrum Photovoltaik (Fraunhofer-ISE, Freiburg/Br.)
TZW	Technologiezentrum Wasser (Karlsruhe und Dresden)

T2HK	Tokai to Hyper Kamiokande (neutrino experiment)
T2K	Tokai-to-Kamioka (neutrino research group)
T <sup>3</sup>	Table Top Terawatt (laser)
<b>U</b>	
UA	Ukraine (ISO 3166)
UA	University of Alaska (USA)
UA	User Agent (or: Access) (Telekommunikation/telecommunication)
UAAF	User Access Authorization Function (Telekommunikation/telecommunication)
UAB	University of Alabama at Birmingham (USA)
UAC	User Agent Client (Telekommunikation/telecommunication)
UAE	United Arab Emirates
UAF	University of Alaska Fairbanks
UAG	Universal Access Gateway (Telekommunikation/telecommunication)
UAG	Universitätsarchiv Göttingen
UAHA	Universitätsarchiv der Humboldt-Universität Berlin
UALR	University of Arkansas at Little Rock (USA)
UANL	Universidad Autónoma de Nuevo León (Monterrey, MX)
UARC	Upper Atmosphere Research Collaboratory
UART	Universal Asynchronous Receiver/Transmitter (Telekommunikation/telecommunication)
UAS	Universal Access Server (Telekommunikation/telecommunication)
UAS	Unmanned Aircraft (or: Aerial) System, unbemanntes Aerosystem
UAS	User Agent Server (Telekommunikation/telecommunication)
UASER	Ultrasound Amplification by Stimulated Emission of Radiation
UASP	Underwater Acoustics Signal Processing
UAT	Unified Astronomy Thesaurus
UAV	Unmanned Aer(ial) Vehicle
UBA	Umweltbundesamt (Berlin)
UBA	University of Buenos Aires (AR)
UBC	Uniform Building Code (USA)
UBC	University of British Columbia (Vancouver, CA)
UBM	Ultrasound Biomicroscopy
UBO	Université de Bretagne Occidentale (FR)
UBR	Unspecific (or: Unspecified) Bit Rate (Datennetz/data network)
UB/TIB	Universitätsbibliothek und Technische Informations-Bibliothek (Hannover)
UC	Unit Circle
UCA	University for the Creative Arts
UCAR	University Corporation for Atmospheric Research (USA)
UCB	University of California at Berkeley
UCBB	User-Centric Broadband (Telekommunikation/telecommunication)
UCC	Universal Copyright Convention
UCD	University College Dublin (IE)
UCD	University of Colorado Denver (USA)
UCD	Uplink Channel Descriptor (Telekommunikation/telecommunication)
UCDWR	University of California Division of War Research
UCF	University of Central Florida (USA)
UCI	University of California at Irvine (USA)
UCL	Université Catholique de Louvain (BE)
UCL	University College London (UK)
UCLA	University of California at Los Angeles
UCLP	User Controlled Light Path (optische Telekommunikation/optical telecommunication)
UCN	Ultracold Neutron
UCO	University Control Officer (after WW2 in Germany)
UCO	University of California Observatories
UCP	Ultracold Plasma
UCRL	University of California Radiation Laboratory (Stanford, CA, USA)
UCS	Uniform Communications System
UCS	Union of Concerned Scientists
UCSB	University of California at Santa Barbara
UCSB	University of California, Southern Branch
UCSC	University of California at Santa Cruz
UCSD	University of California at San Diego
UCSF	University of California at San Francisco
UCT	University of Cape Town (ZA)
UD	Ultra Definition (4 × Full HD)
UD	University of Delaware (USA)
UDD	Uhrig's Dynamic Decoupling (Ionenfallen/ion traps)
UDDI	Universal Description, Discovery and Integration (Telekommunikation/telecommunication)
UDE	Universität Duisburg-Essen
UDEL	University of Delaware (USA)
UDG	Ultradiffuse Galaxy (astronomy)
UDI	Unrestricted Digital Information (Telekommunikation/telecommunication)
UDL	Universität des Dritten Lebensalters
UDLR	Uni-Directional Link Routing (Telekommunikation/telecommunication)
UDP	Uridindiphosphat
UDP	User Data(gram) Protocol (Internet)
UDRE	User Differential Range Error (Satelliten-Ortung/satellite locating)

UDS	Upper-Data-Strobe (Atari computer)
UE	Unterhaltungselektronik
UE	User Equipment (Telekommunikation/telecommunication)
UEA	University of East Anglia (UK)
UEL	Ultra-High Efficiency Lighting
UEM	Ultraschnelle Elektronenmikroskopie
UEP	Unequal Error Protection (Telekommunikation/telecommunication)
UER	Union Européenne de Radiodiffusion
UF	Unidad de fomento (Chile)
UF	University of Florida (USA)
UFC	Universities Funding Council (UK)
UFFC	[IEEE] Ultrasonics, Ferroelectrics, and Frequency Control Society
UFMC	Universal Filtered Multi Carrier (Telekommunikation/telecommunication)
UFRN	[Federal University of Rio Grande do Norte] (Natal, Brazil)
UFS	Umweltforschungsstation Schneefernerhaus
UFZ	Helmholtz-Zentrum für Umweltforschung (Leipzig/Halle/Magdeburg)
UG	Uganda (ISO 3166)
UG	Unification Grammar (Sprachverarbeitung/speech processing)
UGA	University of Georgia (USA)
UGC	User Generated Content (Telekommunikation/telecommunication)
UGC	User Ground Component (Telekommunikation/telecommunication)
UGS	User Ground Segment (Satellitensystem/satellite system)
UGTMS	Urban Guided Transport Management System (Eisenbahntechnik/railway technology)
UH	University of Hawaii (USA)
UH	University of Houston (TX, USA)
UHBR	Ultra High Bypass Ratio (Triebwerk/engine))
UHCL	University of Houston Clear Lake (USA)
UHDTV	Ultra High Definition Television
UHE	Ultra High Energy (neutrino experiment)
UHECR	Ultra-High Energy Cosmic Rays
UHF	Ultra High Frequency (0,3 – 3 GHz)
UHH	Universität Hamburg
UHM	University of Hawaii at Manoa
UHP	Ultra-High Performance (z.B. Lampen/e.g. lamps)
UHPC	Ubiquitous High Performance Computing (DARPA)
UHPC	Ultra High Performance Concrete
UHR	Ultra-High Resolution
UHTS	Ultra-High Throughput Screening
UHV	Ultra High Vacuum, Ultrahochvakuum
UI	Ultrasonics International (congress)
UI	User Interface
UiB	University of Bergen (Norway)
UIC	Union internationale des chemins de fer
UIC	University of Illinois at Chicago
UIDP	University–Industry Demonstration Partnership
UIMA	Unstructured Information Management Architecture (Textbearbeitung/text processing)
UIME	User Information Management Entities (Telekommunikation/telecommunication)
UIP	Umwelt- und Prognose-Institut (Heidelberg)
UIR	Union Internationale de Radiotéléphonie (1925), seit/since 1929: de Radiodiffusion (Weltrundfunkverein)
UIT	Union Internationale des Télécommunications
UITB	Union Internationale des Transports Publics
UIUC	University of Illinois at Urbana-Champaign
UJF	Université Joseph Fourier (Grenoble, FR)
uk	unabkömmlich
UK	United Kingdom (auch im/also in the Internet)
UKAEA	UK Atomic Energy Authority
UKATC	UK Armstrong Technology Centre
UKCA	UK Chemistry and Aerosol (climate research)
UKCoRR	United Kingdom Council of Research Repositories
UKCPO	United Kingdom Consortium for Photonics and Optics
UKF	Unscented Kalman Filter
UKIS	Umwelt- und Kriseninformationssystem (DLR)
UKNGS	UK National Grid Service
UKP	Ultrakurzpuls(laser)
UKSA	UK Space Agency
UKSEDS	UK Students for the Exploration and Development of Space
UKTI	UK Trade and Investment
UKW	Ultrakurzwelle (87,5 – 100 MHz)
UL	Uplink
ULB	Université Libre de Bruxelles (BE)
ULCC	University of London Computer Centre
ULCH	Ultra Low-Cost Handset (Mobiltelefon/mobile phone)
ULD	Unabhängiges Landeszentrum für Datenschutz
ULD	Unit Load Device (Luftfrachtcontainer/airfreight container)
ULDB	Ultra Long Duration Balloon
ULE	Ultra Low Expansion (Teleskopspiegelglas/glass for telescope mirrors)
ULEED	Ultrafast Low-Energy Electron Diffraction
ULEF	Ultra Low Emission Vehicle (Kfz-Technik/motor vehicles)



ULF-FORTH	[Laserforschungslaboratorium, Iraklion, GR]
ULIRG	Ultraluminous, Infrared-Emitting Galaxy
ULP	Ultra Low Power
ULSI	Ultra Large Scale Integration
ULT	Ultralow Temperature
ULT	Ultrasonic Level Transmitter (for liquids in tanks)
ULTRA	Universal Laboratory Training and Research Aid
ULX	Ultraluminous X-Ray Source
UM	United States Minor Outlying Islands (ISO 3166)
UM	Universal Messaging (Telekommunikation/telecommunication)
UM	University of Miami (FL, USA)
UM	University of Michigan (USA)
UM	University of Mississippi (USA)
UMA	Unlicensed Mobile Access (Telekommunikation/telecommunication)
UMBC	University of Maryland, Baltimore County (USA)
UMD	University of Maryland (USA)
UMDNJ	University of Medicine and Dentistry of New Jersey (Piscataway, NJ, USA)
UME	Unusual Mortality Event (e.g., whale stranding)
UMEG	Zentrum für Umweltmessungen, Umwelterhebungen und Gerätesicherheit Baden-Württemberg (Karlsruhe)
UMG	Universitätsmedizin Göttingen (DE)
UMIC	Ultra High-Speed Mobile Information and Communication (Exzellenzcluster, RWTH Aachen)
UMID	Unique Material Identifier
UMIP	University of Manchester's Intellectual Property Commercialisation (UK)
UMIS	universelles mobiles Informationssystem
UMIST	University of Manchester Institute of Science and Technology
UMK	Umweltministerkonferenz
UMKC	University of Missouri – Kansas City (USA)
UML	Unified (or: Universal) Modelling Language (Computerprogramm-Struktur/computer program structure)
UMLS	Unified Medical Language System
UMS	Unified Messaging Service (Telekommunikation/telecommunication)
UMS	Universal Measurement Spectrometer
UMS	Universal Monitoring System (Telekommunikation/telecommunication)
UMSICHT	[Fraunhofer-Institut für] Umwelt-, Sicherheits- und Energietechnik (Oberhausen und Sulzbach-Rosenberg)
UMTS	Universal Mobile Telecommunication(s) Standard (or: System)
UMV	Unmanned Marine Vehicle
UNAEC	United Nations Atomic Energy Commission
UNAM	Universidad Nacional Autónoma México (Mexico City)
UNAWA	Universe Awareness (Astronomie für benachteiligte Kinder/astronomy for handicapped children)
UNC	University of North Carolina (USA)
UNC	University of Northern Colorado (USA)
UNC-CH	University of North Carolina at Chapel Hill
UNCD	United Nations Conference on Disarmament
UNCDF	United Nations Capital Development Fund
UNCED	United Nations Conference on Environment and Development (Rio de Janeiro, Juni/June 1992)
UNCLOS	United Nations Convention on the Law of the Sea
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Program
UNE	Unbundled Network Element (Telekommunikation/telecommunication)
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment(al) Programme
UNESCO	United Nations Educational, Scientific, and Cultural Organization
UNESP	[São Paulo State University] (BR)
UNF	Ungdommens Naturvidenkabelige Forening (DK)
UNF	University of North Florida (Jacksonville, FL, USA)
UNFCCC	United Nations Framework Convention on Climate Change
UNH	University of New Hampshire (USA)
UNI	Union Network International (Gewerkschaftsorganisation, seit 1.1.2000/Trade Union, since Jan. 1, 2000)
UNI	User–Network Interface (Datennetz/data network)
UNIANDDES	Universidad de los Andes (Bogotá, Colombia)
UNIC	United Nations Information Center (viele Standorte weltweit/worldwide many locations)
UNICAMP	Universidade Estadual de Campinas (BR)
UNILAC	Universal Linear Accelerator (GSI)
UNIPV	Università degli Studi di Pavia (IT)
UNIS	University Centre in Svalbard (NO)
UNISIG	[Consortium of European Railway Signaling Supplies] Eisenbahntechnik/railway technology)
UNIST	Ulsan National Institute of Science and Technology (South Korea)
UNITAR	United Nations Institute for Training and Research
UNIX-CE	UNIX-Based Control Element
UNL	Universal Network Language
UNL	University of Nebraska–Lincoln (USA)
UNLV	University of Nevada, Las Vegas (USA)
UNM	University of New Mexico (USA)
UNO	United Nations Organization
UNO	University of Nebraska at Omaha (USA)
UNO	University of New Orleans (LA, USA)
UNPA	United Nations Post Administration
UNPO	United Nations Post Office
UNPROFOR	United Nations Protection Force

UNR	University of Nevada in Reno (USA)
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UNSCOM	United Nations Special Commission
UNSW	University of New South Wales (Sydney, AU)
UNT	University of North Texas (USA)
UNT	Update Notification Table (Telekommunikation/telecommunication)
UNU	United Nations University
UOT	Ultrasound-Encoded Optical Tomography
UPC	Ultrafast Photonics Collaboration (UK)
UPC	Unified Parallel C (Programmiersprache/programming language)
UPC	Universal Product Code (Strichcode/bar code)
UPC	Universidad Politècnica de Catalunya Barcelona Tech (ES)
UP-CAP	Ultra Power Capacitor
UPCC	University Press Content Consortium
UPD	User Profile Directory (Telekommunikation/telecommunication)
UPLC	Ultra Performance Liquid Chromatography
UPM	Universidad Politècnica de Madrid (ES)
UPMC	University of Pittsburgh Medical Center (USA)
UPnP	Universal Plug and Play (Multimedieräte)
UpPTS	Uplink Pilot Time Slot (Telekommunikation/telecommunication)
UPS	Ultra-Precision Surfaces
UPS	Unified Profile Scheme (Telekommunikation/telecommunication)
UPS	Uninterruptable Power Supply (= USV)
UPS	United Parcel Service
UPSO	University Press Scholarship Online (Oxford University Press)
UPSR	Unidirectional Path Switching (or: Switched) Ring (optische Kommunikation/optical communication)
UPT	Universal Personal Telecommunications
UPU	Universal Postal Union
UPV	Unpiloted Vehicle
UR	Universal Routing (Telekommunikation/telecommunication)
URA	Unité de recherche associée au CNRS
URA	Universities Research Association (USA)
URAN	UMTS Radio Access Network (Telekommunikation/telecommunication)
URANS	Unsteady Renolds Averaged Navier-Stokes (turbulence model)
UR:BAN	Urbaner Raum: Benutzergerechte Assistenzsysteme und Netzmanagement (DLR-Projekt)
URETI	University Research, Engineering, and Technology Institute (befristete NASA-Gründungen/temporary NASA foundations in USA)
UREX	Uranium Recovery by Extraction
URI	Uniform Resource Identifier (Telekommunikation/telecommunication)
URI	University of Rhode Island (USA)
URL	Universal Resource Locator (or: Location) (Internet)
URM	Underrepresented Racial and Ethnic Minorities
URS	User Requirements Specification
URSI	Union Radio-Scientifique Internationale
URT	User Registration Tool (Telekommunikation/telecommunication)
US	United States of America (ISO 3166)
US	Upstream
USA	United States of America
USACH	Universidad de Santiago de Chile
USAF	US Air Force
USAID	US Agency for International Development
USAMI	US-Africa Materials Institute
USANS	Ultrasmall-Angle Neutron Scattering
USAPC	University Students' Acoustics Poster Competition (ASA)
USARDSG-UK	United States Army Research, Development and Standardization Group – United Kingdom
USART	Universal Synchronous/Asynchronous Receiver/Transmitter
USB	Universal Serial Bus (Datenübertragung/data transfer)
USBV	Unkonventionelle Spreng- und Brandvorrichtung
USC	Uniform Scalar Quantization (Telekommunikation/telecommunication)
USC	University of South Carolina
USC	University of Southern California
USCAP	US Climate Action Partnership
USCM	Universal Service Component Model
USD	US-\$
USDA	US Department of Agriculture
USDL	Unified Service Description Language
USE	Ultimate Science Environment
USE	Upstream Sequence Element
USF	University of South Florida (Tampa, FL, USA)
USFWS	US Fish and Wildlife Service (NOAA)
USG	Unsolicited Grant Service (Telekommunikation/telecommunication)
USGCRP	US Global Change Research Program
USGS	US Geologic(al) Survey (Denver, CO, or Woods Hole, MA, or Menlo Park, CA, USA)
USIM	Universal Subscriber Identification (or: Identity) Module (Telekommunikation/telecommunication)
USM	User Service Manager (Telekommunikation/telecommunication)
USNA	US Naval Academy
USNC	US National Committee
USNTPS	US Naval Test Pilot School (Maryland, USA)

USP	United States Pharmacopoeia
USP	University of São Paulo (Brazil)
USPAS	US Particle Accelerator School
USPC	US Patent Classification
USPEX	Universal Structure Predictor: Evolutionary Crystallography
USPTO	US Patent and Trademark Office
USRA	Universities Space Research Association (USA)
USRL	Underwater Sound Reference Laboratory (at CUDWR, 1942)
USSD	Unstructured Supplementary Service Data (Telekommunikation/telecommunication)
USST	Usage Specification and Specification Testing
UST	Umweltsensortechnologie
UST	Universidade de São Paulo (BR)
USTAR	Utah Science, Technology and Research Initiative (University of Utah, Salt Lake City, UT, USA)
USTC	University of Science and Technology of China (Hefei and Beijing, CN)
USV	Unmanned Space Vehicle (Raumgleiter)
USV	unterbrechungsfreie Stromversorgung
UT	Universal Time (seit/since 1928, zuvor/formerly: Greenwich Mean Time, GMT)
UT	University of Texas (USA)
UT	University of Toledo (OH, USA)
UT	Utah (US-Staat/US state)
UTA	University of Texas at Arlington
UTB	University of Texas at Brownsville (USA)
UTC	Universal Time Coordinated (or: Continuous)
UTD	Uniform Geometric Theory of Diffraction
UTD	University of Texas at Dallas
UTEM	Ultrafast Transmission Electron Microscope
UTEP	University of Texas El Paso (USA)
UTG	Umwelt-Technologisches Gründerzentrum (Augsburg)
UTIAS	University of Toronto Institute for Aerospace Studies
UTK	University of Tennessee, Knoxville (USA)
UTM	Universal Transversal Mercator (Kartographie/cartography)
UTM	University of Toronto Mississauga
UTOP	Ultraviolet Optical Telescope (an Bord von/aboard SWIFT Orbiter)
UTP	Unshielded Twisted Pair (Datenkabel/data cable)
UTPA	University of Texas Pan American (Edinburg, TX, USA)
UTPB	University of Texas of the Permian Basin (Odessa, TX, USA)
UTR	Untranslated Region (in RNA)
UTRA	UMTS Terrestrial Radio Access (Telekommunikation/telecommunication)
UTRAN	UMTS Terrestrial Radio Access Network (Telekommunikation/telecommunication)
UTS	Ultimate Tensile Strength
UTS	University of Technology, Sydney
UTSA	University of Texas at San Antonio (USA)
UUCP	Unix-to-Unix Copy Program (Rechnernetz/computer network)
UUV	Unmanned Underwater Vehicle
UV	Ultraviolet, Ultraviolet
UvA	Universiteit van Amsterdam, University of Amsterdam (NL)
UVA, UVa	University of Virginia (USA)
UVCS	Ultraviolet Coronagraph Spectrometer (an Bord von/aboard SOHO)
UVic	University of Victoria (USA)
UVOT	UV-Optical Telescope
UVP	Umweltverträglichkeitsprüfung
UVS	Umweltverträglichkeitsstudie
UVV	Unfall-Verhütungs-Vorschrift
UW	University of Washington (Seattle, WA, USA)
UW	University of Waterloo (Canada)
UWA	University of Western Australia
UWAC	Underwater Acoustic Communication
UWB	Ultra Wide Band (Telekommunikation/telecommunication)
UWCC	Universal Wireless Communication Consortium (Telekommunikation/telecommunication)
UWE	Universität Würzburg Experimentalsatellit (Pikosatellit)
UWG	Gesellschaft für Umwelt- und Wirtschaftsgeologie mbH (Berlin)
UWG	University of West Georgia (Carrollton, GA, USA)
UWI	University of the West Indies (campuses in Jamaica, Trinidad and Tobago, and Barbados)
UWIRC	University Wide Interdisciplinary Research Center (at UAB)
UWM	University of Wisconsin–Milwaukee (USA)
UWO	University of Western Ontario (Canada)
UWS	Universal Wireless System (Telekommunikation/telecommunication)
UX	User Experience
UY	Uruguay (ISO 3166)
u.Z.	unserer Zeitrechnung (= nach Christus/after Christ)
UZ	Usbekistan/Uzbekistan (ISO 3166)

## V

VA	Vatikanstaat/Holy See (ISO 3166)
VA	Veterans Affairs (USA)
VA	Virginia (US-Staat/US state)
VA	Virtuelle Akustik
VAAC	Volcanic Ash Advisory Center

VABENE	(Verkehrsmanagement bei Großereignissen und Katastrophen) (DLR)
VAD	Voice Activity Detection (Telekommunikation/telecommunication)
VAE	Virtual Acoustic Environment
VAHT	Vibroacoustic Harp Therapy ("musical massage")
VALERI	Validation of Advanced, Collaborative Robotics for Industrial Applications
VALUE	Valorisation and Utilisation for Europe (EU)
VAMAS	Versailles Project on Advanced Materials and Standards
VAMP	Virtual Aircraft Multidisciplinary Analysis and Design (or: Design and Optimization) Process
VAN	Varotsos, Alexopoulos, Nomikos (griechische Forscher, Erbebenvorhersagemodell/Greek researchers, earthquake forecast model)
VAN	Vertically Lined Nematic (Flüssigkristalle/liquid crystals)
VANDLE	Versatile Array for Neutron Detection at Low Energies
VANETS	Vehicular Ad Hoc Networks
VAO	Virtuelles Alpenobservatorium
VAPB	Visual and Auditory Process Branch (HRED, ARL, USA)
VAR	Value Added Reseller
VaR	Value at Risk (Wertpapier/bond)
VAR	Vector Autoregression
VAS	Value Added Service (Telekommunikation/telecommunication)
VAS	Virginia Academy of Science (USA)
VASEM	Virginia Academy of Science, Engineering, and Medicine (USA)
VATDM	Volcanic Ash Transport and Dispersal Model
VAV	Variable Air Volume
VAVID	Vergleichende Analyse von ingenieurrelevanten Mess- und Simulationsdaten (FhG-SCAI)
VAWT	Vertical-Axis Wind Turbine
VB	Vertical Bridge (Telekommunikation/telecommunication)
VBA	[Microsoft] Visual Basic for Applications
VBC	Vienna BioCenter (Wien, AT)
VBD	Voice Band Data (Telekommunikation/telecommunication)
VBFEh	Verein zur Förderung der Forschung und Anwendung von Betriebsfestigkeits-Kenntnissen in der Eisenhüttenindustrie e.V.
VBG	Verwaltungs-Berufsgenossenschaft
VBG	Verzeichnis der Einzel-Unfallverhütungsvorschriften der gewerblichen Berufsgenossenschaften
VBI	Vertical-Blank-Interrupt, Vertical Blanking Interval
vBNS	Very High Performance Backbone Network Service (USA, Gbit/s-Netz/net)
VBR	Variable Bit Rate (Datenübertragung/data transmission)
VC	St. Vincent und die Grenadinen/St. Vincent and the Grenadines (ISO 3166)
VC	Vehicle Controller (Eisenbahntechnik/railway technology)
VC	Venture Capital(ist)
VC	Vinylchlorid
VC	Virtual Circuit (Internet)
VC	Virtual Channel (Internet)
VC	Virtual Container (Kommunikation/communication)
VCAT	Virtual Concatenation (Telekommunikation, Ethernet)
VCC	Vital Command Computer
VCC	Vehicle Control Center (Eisenbahntechnik/railway technology)
VCC	Virtual Channel Connection (Internet)
VCC	Voice Call Continuity
VCCV	Virtual Circuit Connection Verification (Telekommunikation/telecommunication)
VCG	Venture Capital-Gesellschaft
VCG	Virtual Connection Group
VCI	Verband der Chemischen Industrie
VCI	Virtual Channel Identifier
VCI	Voltage Contrast Imaging
VICIP	Visual Communications and Image Processing Conference
VCN	Ventral Cochlear Nucleus
VCO	Voltage Controlled Oscillator
VCOSS	Vibration Control of Space Structures
VCQ	Vienna Center for Quantum Science and Technology (Wien, AT)
VCR	Video Cassette Recorder
VCS	V-Groove Connector System (Telefon, Steckverbinder)
VCS	Vapor-Cooled Shield (Infrarotastronomie, Kryostat/infrared astronomy, cryostat)
VCS	Voice Communication System
VCSEL	Vertical Cavity Surface Emitting [Semiconductor] Laser, Vertikalresonator-Laserdiode
VCU	Virginia Commonwealth University
VCXO	Voltage-Controlled Crystal Oscillator (für RB-Atomuhr/for Rb atomic clock)
V&D	Voice and Data (Telekommunikation/telecommunication)
VDA	Verband der Automobilindustrie (DE)
VDAC	Voltage-Dependent Anion Channel
VDB	Verband der Bahnindustrie (in DE)
VDBiol	Verband Deutscher Biologen
VDC	Vehicle Dynamics Controller (Kfz/motor vehicle)
VDE	Variable Displacement Engine (Kfz-Motor mit Zylinderabschaltung/internal combustion engine with temporary cylinder deactivation)
VDE	Verband Deutscher Elektrotechniker (oder: Elektroingenieure) e.V.
VDEh	Verein Deutscher Eisenhüttenleute e.V.
VDF	Vector Directional Filter (Bildverarbeitung/picture processing)
VDI	Verein Deutscher Ingenieure e.V.

VDI	Virtual Desktop Infrastructure
VDI	Virtual Device Interface
VDI-EKV	VDI-Gesellschaft Entwicklung Konstruktion Vertrieb
VDMA	Verband Deutscher Maschinen- und Anlagenbau(er)
VDS	Variable Depth Sonar
VDSÄ	Vereinigung Deutscher Strahlenschutzärzte e.V.
VDSL	Very High Speed (or: Data Rate) Digital Subscriber Line (Telekommunikation/telecommunication)
VDT	Verband Deutscher Tonmeister
VDTC	Virtual Development and Training Centre (IFF, Magdeburg, DE)
VDU	Visual Display Unit (= Monitor)
VDV	Verband Deutscher Verkehrsunternehmen
VDW	Vereinigung Deutscher Wissenschaftler
v.d.Z.	vor der Zeitenwende (= vor Christus/before Christ)
VE	Venezuela (ISO 3166)
VE	Virtual Environment
VEB	Volkseigener Betrieb (ehem./former DDR)
VECSEL	Vertical External Cavity Surface-Emitting Laser
V-ECU	Virtual Electronic Control Unit
VEGF	Vascular Endothelial Growth Factor, vaskulärer endothelialer Wachstumsfaktor
VEI	Volcanic Explosivity Index
VELI	Virtuell European Laser Institute
VEMP	Vestibular-Evoked Myogenic Potentials, vestibulär evozierte myogene Potentiale (im Ohr/in the ear)
Vemus	Virtual European Music School
VERA	Vienna Environmental Research Accelerator
VERAH	Versorgungsassistentin in der Hausarztpraxis
VERITAS	Very Energetic Radiation Imaging Telescope Array System (Tucson, AZ, USA, 2005)
VERITAS	Very High Energy Gamma Ray Astrophysics (Observatory)
VERONICA	Very Easy Rodent-Oriented Net-Wide Index to Computerized Archives (Rechnernetz/computer network, Gopher)
VERS	Victorian Electronic Records Strategy (Australia)
VERTIGAN	Vertical-Cavity Emitters Based on GaN for Optical Fiber Sensors (research project)
VESA	Video Electronic Standards Association
VET	Virtual ECU Testing (ECU: Electronic Control Unit)
VEU	Verkehrsentwicklung und Umwelt (DLR-Projekt)
VEV	Voice-Excited Vocoder
VF	Vacuum Fluorescence
VFA, vfa	Verband Forschender Arzneimittelhersteller e.V.
VFD	Vacuum Fluorescent Display
VfK	Vereinigung für Kristallographie
VFL	Verein der Freunde historischer Luftfahrzeuge
VFR	Visual Flight Rules
VG	Jungferninseln/Virgin Islands (ISO 3166)
VGA	Video Graphics Adapter
VGA	Video Graphics Array
VGf	Vertical Gradient Freeze (Kristallzucht/crystal growth)
VHB	Virtuelle Hochschule Bayern
VHDA	Very-High-Density Amorphous (Ice)
VHDL	Very High Speed Integrated Circuits Hardware Description Language
VHDL	VLSI Hardware Description Language
VHDM	Very High Density Medium
VHE	Very High Energy
VHE	Virtual Home Environment (Telekommunikation/telecommunication)
VHESC	Very High Efficiency Solar Cell
VHF	Very High Frequency (30 – 300 MHz)
VHLL	Very High Level Language (Computer)
VHT	Very High Throughput (Telekommunikation/telecommunication)
VI	US Jungferninseln/US Virgin Islands (ISO 3166)
VI	Virtual Instrument
VIAS	Vienna Institute of Archeological Science (Wien, AT)
VICKSI	Van de Graaf-Isotron-Cyclotron-Kombination für Schwere Ionen
VICS	Vehicle Information and Communication System
VID	VLAN Identification
viEM	Virtuelles Institut für Energiemetereologie
VIERforES	Virtuelle und erweiterte Realität für höchste Sicherheit und Zuverlässigkeit von Eingebetteten Systemen (Embedded Systems) (BMFT-Projekt)
VIGIL	Visible InGaN Injection Laser
VIIBRE	Vanderbilt Institute for Integrative Biosystems Research and Education
VIK	Vereinigtes Institut für Kernforschung (Dubna, RU)
VILAB	virtuelles Labor
VIM	Vibration Isolation Module
VIMS	Visible and Infrared Mapping Spectroscopy (or: Spectrometer)
VIMS	Visually Induced Motion Sickness
VINSE	Vanderbilt Institute for Nanoscale Science and Engineering (Vanderbilt University, USA)
VIOLA	Vertically Integrated Optical Testbed for Large Applications (optische Telekommunikation/optical telecommunication)
VIP	Vakuum in Forschung und Praxis (Zeitschrift/Journal)
VIP	Vakuum-Isolations-Panel
VIP	Very Important Person
VIP	Virtual Internet Protocol (Telekommunikation/telecommunication)
VIP	Virtuelle Integrations-Plattform (Lufttransportkonzept)

VIPeR	Value-Added IP Routing (Telekommunikation/telecommunication)
VIPER	Valved, Integrated PCR Electrophoresis Restriction Digest (Nanotechnology/nanotechnology)
VIRGIL	Vigilance against Viral Resistance (EU)
VIRGO	Variability Irradiance and Gravity Oscillations (an Bord von/aboard SOHO)
VIRIM	virtuelle Realität in der Medizin
VIROR	Virtuelle Hochschule Oberrhein (seit Mitte 1998/since mid 1998)
VIRTIS	Visible and Infrared Thermal Imaging Spectrometer (Rosetta project)
VIRUS	Visible Integral-Field Replicable Unit Spectrograph (HET)
VIS	Visa Information System (archive of biometric data)
VIS	Visible (Optics)
VIS	Visible Imaging System
VIS	Visual Instruction Set
VISA	Virtual Instrument Software Architecture (Telekommunikation/telecommunication)
V.i.S.d.P.	Verantwortlich im Sinne des Pressegesetzes
ViSEK	Virtuelles Kompetenzzentrum für Software Engineering
VISS	VHS-Index-Such-System
VISTA	Visible and Infrared Survey Telescope for Astronomy (in UK manufactured camera for ESO, Chile)
VISTA	Visual and Spatial Technology Centre (University of Birmingham, UK)
VIT	Vacuum-Induced Transparency
VITA	VME bus International Trade Association
VitOL	vernetzte intelligente Objekte in der Logistik
VIU	Vital Interface Unit (Eisenbahntechnik/railway technology)
VIVERA	Virtuelles Kompetenznetzwerk zur Virtuellen und Erweiterten Realität
VIVRE	Interactive Virtual Reality Environment (EU)
VJ	Virtual Journal
VK	Verbundkatalog maschinenlesbarer Daten
VKTA	Verein für Kernverfahrenstechnik und Analytik Rossendorf e.V.
VKU	Verband kommunaler Unternehmen
VL	Virtual Laboratory
VLA	Vertical Line Array (ocean acoustics)
VLA	Very Large Array (Radioteleskop/radio telescope)
VLAN	Virtual Local Area Network (Internet)
VLB	Verzeichnis lieferbarer Bücher
VLBA	Very Long Baseline Array (USA)
VLBI	Very Long Baseline Interferometry
VLC	Variable Length Coding
VLE	Virtual Learning Environment
VLF	Very Low Frequency (3 – 30 kHz)
VLH	Very Long-Haul (Telekommunikation/telecommunication)
VLHC	Very Large Hadron Collider (geplanter Nachfolger für LHC/planned successor of LHC)
VLIW	Very Long Instruction Word (Computer)
VLL	Virtual Leasing (or: Leased) Line (Telekommunikation/telecommunication)
VLLS	Virtual Leased Line Service (Telekommunikation/telecommunication)
VLN	Virtual Liver Network
VLPO	Ventrolaterale präoptische Region (im Gehirn/in the brain)
VLR	Visitor Location Register (Telekommunikation/telecommunication)
VLS	Vapor-Liquid-Solid (Nanodraht-Herstellung/nano-wire manufacturing)
VLSCI	Victorian Life Sciences Initiative (Melbourne, Australia)
VLSI	Very Large-Scale Integration (Circuit)
VLT	Very Large Telescope (Chile, 8 m Durchmesser/diameter)
VLT	Visible Light Transmission
VLTl	Very Large Telescope Interferometer (ESO, Chile)
VLY	Valley (US Mail)
VM	Vessel Monitoring
VM	Virtual Machine (computer)
VMAN	Virtual MAN (Telekommunikation/telecommunication)
VMC	Venus Monitoring Camera
VMD	Visual Molecular Dynamics
VMPA	Verband der Materialprüfungsanstalten
VMPFC	ventromedialer präfrontaler Cortex, Ventromedial Prefrontal Cortex
VMSC	Visiting Mobile Switching Center (Telekommunikation/telecommunication)
VN	Vietnam/Viet Nam (ISO 3166)
VNA	Vector Network Analysis (Telekommunikation/telecommunication)
VNC	Virtual Network Computing
VNR	Very-Near Infrared
VOA	Variable Optical Attenuator (Photonik/photonics)
VoATM	Voice over ATM (Telekommunikation/telecommunication)
VOB	Verdingungsordnung für Bauleistungen
VOBC	Vehicle Onboard Controller (Eisenbahntechnik/railway technology)
VOC	Volatile Organic Carbon (or: Compound)
VOCODER	Voice Encoder
VOCRES	Voice Communication Research and Evaluation System (at AFRL)
VoD, VOD	Video on Demand
VODER	Voice Operation Demonstrator
VoDSL	Voice over Digital Subscriber Line (Telekommunikation/telecommunication)
VoFR	Voice over Frame Relay (Telekommunikation/telecommunication)
VoIP	Voice over Internet Protocol (Telekommunikation/telecommunication)
VOLCATS	Volcanic Ash Impact on the Air Transport System (DLR project)

VoLTE	Voice over LTE (Telekommunikation/telecommunication)
VoP	Voice over Packet (Telekommunikation/telecommunication)
VOR	VHF Omnidirectional Range (Telekommunikation/telecommunication)
VORTEX	Verification of the Origins of Rotation in Tornadoes Experiment
VOT	Voice Onset Time
VoWLAN	Voice over Wireless Local Area Network (Telekommunikation/telecommunication)
VOX	Voice-Operated Switch
Voxel	[volume pixel, quaderförmige Volumenelemente]
VP	Vice President
VP	Virtual Path (Internet)
VPC	Virtual Path Connection (Internet)
VPDS	Video Preservation and Discovery Service
VPEX	Verband Philatelistischer Experten
VPH	Virtual Physiological Human
VPI	Virtual Path Identifier (Telekommunikation/telecommunication)
VPI	Virtual Protocol Interconnect
VPI&SU	Virginia Polytechnic Institute and State University (Blacksburg, VA, USA)
VPL	Virtual Programming Language
VPLNM	Visited Public Land Mobile Network (Telekommunikation/telecommunication)
VPLS	Virtual Private LAN Service (Telekommunikation/telecommunication)
VPM	[Nucleus ventralis posteromedialis]
VPN	Virtual Private Network, Virtuelles Privates Netz (Internet)
VPR	Vice President for Research
VPRN	Virtual Private Routed Network
VPRP	Violence Prevention Research Program (USA)
VPS	Video Program(ming) System (or: Service)
VPS	Virtual LAN Policy Server (Telekommunikation/telecommunication)
VPT	Videotext-Programmier-System
VPU	Voice Processing Unit (Telekommunikation/telecommunication)
VPWS	Virtual Private Wire Services (Telekommunikation/telecommunication)
VQ	Vector Quantization
VR	Virtual Reality
VRAS	Virtual Reality Audio System
VRCA	Virtual Reality Center Aachen (DE)
VRF	Vibrational Response Function (Chemie/chemistry)
VRF	Virtual Routing and Forwarding (Telekommunikation/telecommunication)
VRG	Virtual Reference Grinding
VRID	Virtual Router Identification (Telekommunikation/telecommunication)
VRML	Virtual Reality Markup (or: Modeling) Language
VRRP	Virtual Router Redundancy Protocol (Telekommunikation/telecommunication)
VRSA	Vancomycin Resistant Staphylococcus aureus
VS	Verschlusssache (Geheimhaltung/secretcy)
VSA	Vector Signal Analyzer
VSAT	Very Small Aperture Terminal (Fernerkundung, Datennetz/remote sensing, data network)
VSF	Vestigial Sideband (Modulation)
VSC	Vehicle Stability Control (Kfz/motor vehicle)
VSDL	Very High Speed Digital Subscriber Line (Telekommunikation/telecommunication)
VSE	Virtual Sound Environment
VSEA	Virtual Statistical Energy Analysis
VSELP	Vector Sourcebook Excited Linear Predictive Coding (Sprachkompressionssystem)
VSG	Vector Signal Generator
VSI	Vertical System Integration (Chip-Fertigung/chip manufacturing)
V-SK	VIPeR System Kernel (Telekommunikation/telecommunication)
VSL	Varying-Speed-of-Light (Theory) (Kosmologie/cosmology)
VSM	Vector Space Model
VSM	Vibrating (or: Vibration) Sample Magnetometer
VSM	Virtual Satellite Mode (Galileo system)
VSMOW	Vienna Standard Mean Ocean Water
vSMP	Versatile Symmetric Multiprocessor (computer)
VSMS	Virtual School of Molecular Sciences (Nottingham, UK)
VSF	Video Sensor Node
VSNU	(Association of Universities in the Netherlands)
VSOP	Versatile Scalable On Board Processing Unit (Einplatinenrechner/single board computer)
V.S.O.P	Very special old pale (Cognac)
VSPD	Variable Sensitivity Photodetector Cell
VST	Vector Signal Transceiver
VSTOL	Vertical and Short Take-off and Landing
VT	Vermont (US-Staat/US state)
VT	Virtual Test
VT	Virtual Tributary (Kommunikation/communication)
VT	Vocal Tract
VTA	Ventrales tegmentales Areal (im Mittelhirnkern)
VTAPI	Virtual Test Application Programming Interface (Telekommunikation/telecommunication)
VTIPI	Virtual Test Internet Protocol Interface (Telekommunikation/telecommunication)
VTC	Vehicular Technology Conference
VTEC	Variable Valve Timing and Lift Electronic Control (Kfz-Technik/vehicle technology)
VTK	Visualisation Toolkit
VTLN	Vocal Tract Length Normalization (Sprachverarbeitung/speech processing)

VTOL	Vertical Take-off and Landing
VTR	Video Tape Recorder
VTS	Vessel Traffic Service (für Schiffsverkehr im Hafen/for ship traffic in the harbor)
VTT	Valtion teknillinen tutkimuskeskus (Technical Research Centre of Finland, Espoo, FI)
VU	Vanuatu (früher: Neue Hebriden/former New Hebrides) (ISO 3166)
VU	Vrije Universiteit (Amsterdam, NL)
VUB	[Free University of Brussels] (BE)
VUB	Virtuelle Universität Berlin
VUCA	Volatility, Uncertainty, Complexity and Ambiguity
VUV	Vakuultraviolett, Vacuum-Ultraviolet
VUVAS	Vacuum UV Absorption Spectrophotometer
v.u.Z.	vor unserer Zeitrechnung (= vor Christus/before Christ)
VVS	Verbund Verteidigungs- und Sicherheitsforschung (Fraunhofer-Institute)
VVS	Volume Velocity Source (Schwingerreger/vibration exciter)
VVT	Variable Valve Timing (Kfz-Motor/car engine)
VWCS	Voice Web Communications Server (Telekommunikation/telecommunication)
VWF	Von-Willebrand-Faktor (Blutgerinnung)
VWL	Volkswirtschaftslehre
VWM	Voice Web Manager (Telekommunikation/telecommunication)
VWT	Vertikalwindtunnel
VXDS	Voluntary Exploratory Data Submission
VXML	Voice Extensible Markup Language (Telekommunikation/telecommunication)
V2G	Vehicle to Grid (Elektroauto/electric vehicle)
V4OA	Vocabularies for Open Access

## W

WA	Washington (US-Staat/US state)
WAAS	Wide Area Augmentation System (Telekommunikation/telecommunication)
WAC	Wholesale Application Community (Telekommunikation/telecommunication)
WACN	West Anglia Cancer Network (UK)
WACS	West African Cable System (Telekommunikation/telecommunication)
WA/D	Wavelength Add/Drop (Telekommunikation/telecommunication)
WAD	Wide Area Differential (Satellitennavigation/satellite navigation)
WADA	Welt-Antidopingagentur
WADM	Wavelength Add/Drop Multiplexer (optische Telekommunikation/optical telecommunication)
WADP	World Association for the Development of Philately
WAF	[Dateinamenerweiterung: Sounddatei/file name extension: sound file]
WAG	WLAN Access Gateway (Telekommunikation/telecommunication)
WAGUL	Western Australian Group of Universities Librarians Consortium
WAIS	West Antarctic Ice Sheet
WAIS	Wide-Area Information Server (or: Service) (Rechnernetz/computer network)
WAITRO	World Association of Industrial and Technological Research Organizations
WAK	Wiederaufbereitungsanlage Karlsruhe
W/ALT	Wheel Accelerated Life Testing
WAN	Wide Area Network (Rechnernetz/computer network)
WAP	Wireless Application Protocol (scherzhaft auch/ironically also: Wait and Pay) (Telekommunikation/telecommunication)
WAPECS	Wireless Access Policy for Electronic Communications Services (Telekommunikation/telecommunication)
WARC	World Administrative Radio Conference
WARN	Wide Area Reference Network (Telekommunikation/telecommunication)
WARP	Wave Adaptive Reduction Principle (aktive Schwingungsminderung/active noise canceling)
WASCAL	West African Science Service Center on Climate Change and Adapted Land Use (DLR)
WASP	Wide Area Search for Planets (Observatorium auf La Palma/observatory on La Palma)
WAXS	Wide-Angle X-Ray Scattering
WAZ	Wide Azimuth (Survey)
WBCO	Waveguide Below Cutoff
WBEM	Web Based Element Management (Telekommunikation/telecommunication)
WBGU	Wissenschaftlicher Beirat der Bundesregierung für Globale Umweltveränderungen
WBL	Wissenschaftsgemeinschaft Blaue Liste
WBS	Wave-Based Substructuring
WBS	Wireless Base Station (Telekommunikation/telecommunication)
WBS	Work Breakdown Structure
WBT	WEB-basierte Trainingssysteme
WBV	Whole Body Vibration (Kfz-Schwingung/vehicle vibration)
WCCM	World Conference on Computational Mechanics
WCDMA	Wideband Code Division Multiple Access (Telekommunikation/telecommunication)
WCET	Worst-Case Execution Time (Computer)
WCF	World Cocoa Foundation
WCI	Water Column Image (underwater acoustics)
WCL	Wet Chemistry Laboratory (Mars Lander satellite)
WCMC-Q	Weill Cornell Medical College in Qatar
WCNC	[IEEE] Wireless Communications and Networking Conference
WCRE	World Council for Renewable Energy
WCRM	World Conference on Regenerative Medicine
WCRP	World Climate Research Programme
WCS	Waste Control Specialist
WCSS	West China School of Stomatology (Sichuan University, CN)
WCT	WIPO Copyright Treaty
WCU	Wayside Control Unit (Eisenbahntechnik/railway technology)



WCU	West Chester University (Pennsylvania, USA)
WCU	World Class University (at KAIST)
WCU	World Congress on Ultrasonics
WD	Wigner Distribution
WDC-RSAT	World Data Center for Remote Sensing of the Atmosphere (DLR)
WDL	World Digital Library
WDM	Warm Dense Matter, warme dichte Materie
WDM	Wave(length) Division Multiplex(ing) (optische Telekommunikation/optical telecommunication)
WDMA	Wavelength Division Multiple Access (optische Telekommunikation/optical telecommunication)
WDR	Westdeutscher Rundfunk
WDR	Wired Equivalence Protocol (Telekommunikation/telecommunication)
WDSL	Wireless Digital Subscriber Line (Telekommunikation/telecommunication)
WDVS	Wärmedämmverbundsystem
WEA	Windenergieanlage
WEAA	Wake Encounter Avoidance & Advisory System (DLR)
WEAT	Word-Embedding Association Test
WECA	Wireless Ethernet Company Alliance (Telekommunikation/telecommunication)
WECC	WEB Enabled Call Center (Telekommunikation/telecommunication)
WECC	Western European Calibration Cooperation
WECPNL	Weighted Equivalent Continuous Perceived Noise Level
WEEE	Waste (from) Electrical and Electronic Equipment
WEG	Wohnungseigentumgesetz
WEH	Wave Emission from Heterogeneities (Kardiologie/cardiology)
WEH	Wilhelm und Else Heraeus (Stiftung/foundation)
WELAC	Western European Laboratory Accreditation Cooperation
WELMEC	Western European Legal Metrology Cooperation
WEOS	Whale Ecology Observation Satellite (Japan)
WEP	Weak Equivalence Principle
WEP	Wired Equivalence Protocol (Telekommunikation/telecommunication)
WEP	Wired Equivalent Privacy (Telekommunikation/telecommunication)
WEP	Wireless Encryption Protocol (Telekommunikation/telecommunication)
WEPP	Water Erosion Prediction Project (Umweltschutz/environment protection, USA)
WER	Word Error Rate (Sprachverarbeitung/speech processing)
WESCON	Western Electronic Show and Convention (USA)
WESPAC	Western Pacific Acoustics Conference
WESS	Water and Earth System Science
WESTPRAC	Western Pacific Regional Acoustics Conference
WEU	Wavelength Extension Unit (for femtosecond lasers)
WF	Wallis und Futuna-Inseln/Wallis and Futuna Islands (ISO 3166)
WFBA	Weighted Fair Buffer Allocation (Telekommunikation/telecommunication)
WFC	Wide Field Camera
WFDCL	WiMAX Forum Designated Certification Labs
WFE	Wavefront Error (Teleskop-Technologie/telescope technology)
WFIRST	Wide-Field Infrared Survey Telescope (geplant/planned for the mid 2020s)
WFMOS	Wide-Field Multi-Object Spectrograph
WFP	World Food Programme (UN)
WFPC	Wide Field Planetary Camera
WFQ	Weighted Fair Queuing (Telekommunikation/telecommunication)
WFS	Wave Field Synthesis, Wellenfeldsynthese
WFS	Wavefront Sensor
WFS&C	Wavefront Sensing and Control
WFUMB	World Federation for Ultrasound in Medicine and Biology
WG	Wohngemeinschaft
WG	Working Group
WGL	Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz
WGLN	Wallenberg Global Learning Network (cooperation between Stanford and Swedish universities)
WGM	Whispering Gallery Mode (optics)
WGW	Wireless Gateway (Telekommunikation/telecommunication)
WHF	World Heart Federation
WHG	Wasserhaushaltsgesetz
WHH	Werthamer-Helfand-Hohenberg (Supraleitungstheorie/superconduction theory)
WHIM	Warm-Hot Intergalactic Medium
WHIPOX	Wound Highly Porous Oxide Composite (Faserverbundwerkstoff, DLR)
WHO	World Health Organization
WHOI	Woods Hole Oceanographic Institution
WI	Wisconsin (US-Staat/US state)
WIA	Women in Acoustics (Committee, ASA)
WIAGEM	World Integrated Assessment General Equilibrium Model (Klimamodell/climate model)
WiBACK	Wireless Backhaul (Richtfunk)
WiD	Wissenschaft im Dialog
WIDE	Wide-Angle Imaging Lidar
WiFi	Wireless Fidelity (Telekommunikation/telecommunication)
WiFS	Wide Field Sensor (NASA Satellit/satellite, seit/since 1997)
WIMAC@home	Wireless Media and Control at Home
WiMAX	Worldwide Interoperability for Mobile (or: Microwave) Access (Telekommunikation/telecommunication)
WIMP	Weakly Interacting Massive Particles
WiN	Wissenschaftsnetz (Datennetz/scientific data network)
WIND	Wheather-Information on Demand (Unwetter-Frühwarnsystem/storm early warning system)

WIND	Wideband Internetworking Engineering Test and Demonstration Satellite
WINNER	Wireless World Initiative New Radio
Winsog	Wireless Sensor Networks with Self-Organization Capabilities for Critical and Emergency Applications
WIP	Wireless Internet Protocol (Telekommunikation/telecommunication)
WIP	Wissenschaftler-Integrationsprogramm (ehem./former DDR)
WIPAC	Wisconsin Icecube Particle Astrophysics Center (neutrino observatory at the south pole)
WIPO	World Intellectual Property Organization
WIPP	Waste Isolation Pilot Plant (radioaktive Abfälle/radioactive waste, Carlsbad, NM, USA)
WIRDEM	Women in Research Decision Making
WIRE	Wide-Field Infrared Explorer
WIRO	Wyoming Infrared Observatory (USA)
WIS	WAN Interface Sublayer (Telekommunikation/telecommunication)
WISA	Wirtschaftsorientierte Strategische Allianz (FhG)
WISDOM	Water Related Information System for the Sustainable Development of the Mekong Delta
WISDOM	Widespread Security Domains Using Optical Monitoring (EU Project, optische Telekommunikation/optical telecommunication)
WISE	Wide Field Infrared Survey Explorer (satellite)
WiSe	Wintersemester (in Göttingen seit/since 2007)
WISE	Women in Space Education
WISP	Weakly Interacting Slim Particle
WISP	Wireless Internet Service Provider (Telekommunikation/telecommunication)
WIST	Women in Science and Technology
WISTA	Wissenschafts- und Technologiepark Berlin-Adlershof (oder: Wirtschafts- und Wissenschaftszentrum Berlin-Adlershof)
WIXC	Wavelength Interchanging Cross-Connect (optische Telekommunikation/optical telecommunication)
WIYN	Wisconsin-Indiana-Yale-NOAO
WKDS	World Knowledge Dialogue Symposium (since 2007)
WKI	Wilhelm-Klauditz-Institut (Fraunhofer-Institut für Holzforschung/Institute for wood research, Braunschweig, DE)
WKN	Wertpapierkennnummer
WL	Wechselsprech- und Lautsprecherkommunikation
WLA	Wavelength Adapter (optische Telekommunikation/optical telecommunication)
WLAN	Wireless Local Area Network (Telekommunikation/telecommunication)
WLC	Worm-Like Chain (Polymerphysik/polymer physics)
WLCCG	Worldwide LHC Computing Grid
WLIC	World Library and Information Congress (IFLA)
WLL	Wireless Local Loop (Internet)
WLPP	Workshop in Language-Based Parallel Programming Models
WLS	Web Lecturing and Training System
WL-SiP	Wafer Level System in Packages
WLT	Wissenschaftlicher Arbeitskreis Lasertechnik
WM	Weltmeisterschaft (im Sport)
WMA	[Dateinamenerweiterung: Videodatei/file name extension: video file]
WMA	Windows Media Audio
WMAP	Wilkinson Microwave Anisotropy Probe (NASA-Sonde bis/until 2010, Kosmologie/cosmology)
WMD	Weapons of Mass Destruction
WM-DPAR	Wavelength-Modulated Differential Photoacoustic Radar
WMF	[Dateinamenerweiterung: Graphikdatei/file name extension: graphic file]
WMF	Windows-Metafile
WMI	World Metal Index (Stahlinstitut, Düsseldorf, DE)
WML	Wireless Markup Language (Telekommunikation/telecommunication)
WMO	World Meteorological Organization
WMRS	Working Memory Rating Scale
WNA	World Nuclear Association
WNS	World Numbering System (UPU, für Briefmarken/for stamps)
WNT	Wireless Network Termination (Telekommunikation/telecommunication)
WOCE	World Ocean Circulation Experiment
WOKS	[Allunionsgesellschaft für kulturelle Verbindungen mit dem Ausland] (RU)
WOLED	White Organic Light Emitting Diode
WOLV	Wetteroptimierter Luftverkehr (DLR-Projekt)
WORM	Write Once – Read Many (Opto-Disk)
WOT	Wide Open Throttle (car: maximum acceleration)
WPA	Wireless Fidelity Protected Access (Telekommunikation/telecommunication)
WPAN	Wireless Personal Area Network
WPC	Wood Polymer (or: Plastic) Composites
WPD	Work Package Definition
WPG	[Dateinamenerweiterung: WordPerfect-Graphikdatei/file name extension: WordPerfect graphic file]
WPI	Worcester Polytechnic Institute
WPI	World Premier International Research Center Initiative (Japan 2007)
WPMC	[International Symposium on] Wireless Personal Multimedia Communications
WPPT	WIPO Performances and Phonograms Treaty
WPRM	Wave Propagation in a Random Medium
WPTC	Wireless Performance Test Chamber (Telekommunikation/telecommunication)
WPV	Weltpostverein
WR	Wissenschaftsrat
WRC	World Radiocommunication(s) Conference
WRCC	Weed Resistance Competence Center (Frankfurt)
WRED	Weighted Random Early Detection (or: Discard) (Telekommunikation/telecommunication)
WRF	Weather Research and Forecasting (Computermodell/computer model)

WRI	[Dateinamenerweiterung: Windows Writer-Textdatei/file name extension: Windows Writer text file]
WRI	World Resources Institute (Washington, DC, USA)
WRL	Wallenberg Research Link (cooperation between Stanford and Swedish universities)
WRR	Weighted Round Robin (Telekommunikation/telecommunication)
WRRL	(Europäische) Wasserrahmenrichtlinie
WRS	Wirtschaftsförderung Region Stuttgart
WS	Samoa (früher Westsamoa/former Western Samoa) (ISO 3166)
WS	Werkzeugstahl
WS	Wintersemester (in Göttingen ab 2007: WiSe)
WS	Wireless Substation (Telekommunikation/telecommunication)
WSA	[ITG/IEEE] Workshop on Smart Antennas
WSDL	Web Services Description Language (Telekommunikation/telecommunication)
WSEG	Weapons Systems Evaluation Group (USA)
WSES	World Scientific and Engineering Society
WSF	Web Service Framework
WSF	Workstation Function
WSIS	World Summit on the Information Society
WSMR	White Sands Missile Range (rocket launching site, NM, USA)
WSO	World Space Observatory (Nachfolger des Hubble Space Telescope für UV/successor of the Hubble Space Telescope for UV)
WSP	Wireless Session Protocol (Telekommunikation/telecommunication)
WSRT	Westerbork Synthesis Radio Telescope (NL)
WSS	Wavelength Selective Switch (optische Telekommunikation/optical telecommunication)
WSS	Wide Screen Signalling
WSS	Worldwide Support Systems (HP)
WSU	Washington State University (USA)
WSU	Winona State University
WSV	Wasser- und Schifffahrtsverwaltung des Bundes
WSXC	Wavelength Selective Cross-Connect (optische Telekommunikation/optical telecommunication)
WT	Waterjet Technology (Schneidtechnik/cutting technology)
WT	Wavelet Transform
WT	Wireless Terminal (Datenübertragung/data transfer)
WTA	Wireless Telephony Application (Telekommunikation/telecommunication)
WTAI	Wireless Telephony Application Interface (Telekommunikation/telecommunication)
WTB	Wired Trigger Bus (für vernetzte Messinstrumente/for crosslinked measuring instruments)
WTB	Wissenschaftlich-Technischer Beirat (Bayerische Staatsregierung)
WTD	Wehrtechnische Dienststelle (Bundeswehr/German army)
WTDMA	Wideband Time Division Multiple Access (Telekommunikation/telecommunication)
WTO	World Trade Organization
WT-OXC	Wavelength-Translating Optical Cross Connect (optische Kommunikation/optical communication)
WTP	Waste Treatment Plant
WTP	Willingness to Pay
WTR	Wind-Temperatur-Radar
WTZ	Wissenschaftlich-Technische Zusammenarbeit (BMBF)
WUSB	Wireless Universal Serial Bus
WUSTL	Washington University in St. Louis (USA)
WV	West Virginia (US-Staat/US state)
WV	Wiedervorlage
WVD	Wigner-Ville Distribution (signal processing)
WVS	Web-Sphere Voice Server
WVU	West Virginia University (USA)
WWEA	World Wind Energy Association
WWF	(alt/old:) World Wildlife Fund, (neu/new:) World-Wide Fund for Nature
WWG	World Wide Grid (Rechnernetz/computer network)
WWI	Wireless World Initiative (Telekommunikation/telecommunication)
WWRF	Wireless World Research Forum
WWMCCS	World-Wide Military Control and Communication System
WUW	Westfälische Wilhelms-Universität (Münster)
WWW	World Wide Web (Rechnernetz/computer network)
WW2	World War Two, Zweiter Weltkrieg (1939–1945)
WxFUSION	Weather Fusion of User Specific Information for Operational Nowcasting (DLR-Ausgründung)
WY	Wyoming (US-Staat/US state)
WYP	World Year of Physics (2005)
WYSIWYG	What You See Is What You Get
WZB	Wissenschaftszentrum Berlin für Sozialforschung GmbH
WZH	Wissenschaftliches Zentrum Heidelberg (der/of the IBM)
WZL	Werkzeugmaschinenlabor (RWTH Aachen)
W3C	World-Wide Web Consortium
<b>X</b>	
XAFS	X-Ray Absorption Fine Structure
XANES	X-Ray Absorption Near Edge Structure
XAS	X-Ray Absorption Spectroscopy
xBIOS	Extended BIOS
XBS	Exchange Base(band) Station (Telekommunikation/telecommunication)
XBT	Expandable Bathythermographs
XCA	Extended Conditional Access
XCELS	Exawatt Center for Extreme Light Studies (Nishny Novgorod, RU)

XCML	Extensible Commerce Markup Language (Telekommunikation/telecommunication)
xCP	Extensible Content Protection (Telekommunikation/telecommunication)
XDR	Extensively Drug Resistant (Krankheitserreger)
xDSL	Digital Subscriber Line (Telekommunikation/telecommunication)
XEUS	X-Ray Evolving Universe Spectroscopy
XFEL	X-Ray Free-Electron Laser
XFEM	Extended Finite Element Method
XIPS	Xenon Ion Propulsion Subsystem (Satellit/satellite)
XIVA	Externally Induced Voltage Alteration
XJTU	Xi'an Jiaotong University (Western China)
XLS	[Dateinamenerweiterung: Microsoft Excel-Datei/file name extension: Microsoft Excel file]
XLT	[Dateinamenerweiterung: Microsoft Excel-Vorlage/file name extension: Microsoft Excel template]
XLV	X-Ray Light Valve
XM	Cross Modulation (Distortion)
XML	Extensible Markup Language
MMM	X-Ray Multi-Mirror Mission (Dez./Dec. 1999)
XMP	X-Ray Microprobe
XMPP	Extensible Messaging and Presence Protocol (Telekommunikation/telecommunication)
XOR	Exclusive Or
XPCS	X-Ray Photon Correlation Spectroscopy
XPD	Cross Polarization Discrimination
X-PEEM	X-Ray PEEM
XPM	Cross-Phase Modulation
XPS	Extrudierter Polystyrol-Hartschaum (zur Wärmedämmung)
XPS	X-Ray Photoelectron Spectroscopy
XQUL	XML Query & Update Language (Telekommunikation/telecommunication)
XRb	X-Ray Background (Astrophysik/astrophysics)
XRD	X-Ray Diffraction [Sensors]
XRF	X-Ray Fluorescence
XRI	Extensible Resource Identifier
XRM	X-Ray Microscope, Röntgenmikroskop
XROI	X-Ray and Optical Interferometer
XRT	X-Ray Telescope
X-SAR	X-Band SAR
XSE	Executive for Services Environment (Telekommunikation/telecommunication)
XSEDE	Extreme Science and Engineering Discovery Environment
XSEM	X-Ray Secondary-Emission Microscopy
XSL	Extensible Stylesheet Language
XSLT	Extensible Stylesheet Language Transformations (Telekommunikation/telecommunication)
XTS	X-Ray Telescope (an Bord von/aboard SWIFT Orbiter)
XUV	Extreme Ultraviolet
XWB	Extra Wide Body (Airbus)

## Y

y...	Yocto... (Präfix/prefix) $10^{-24}$
Y...	Yotta... (Präfix/prefix) $10^{24}$
YAC	Yeast Artificial Chromosome
YAG	Yttrium-Aluminum Garnet (Laser)
YBCO	Yttrium-Barium-Kupfer-Oxid $YBa_2Cu_3O_{7-x}$ (HTSL)
YCbCr	Luminance, Chrominance Blue, and Chrominance Red (Bildverarbeitung/picture processing)
YCC	Youth Climate Conference
YE	Jemen/Yemen (ISO 3166)
YEBN	Young European Biotech Network
YES	Year of Engineering Success
YIG	Yttrium-Iron Garnet, Yttrium-Eisen-Granat
YIP	Young Investigator Program (ONR, USA)
YITP	C. N. Yang Institute for Theoretical Physics (Stony Brook University, USA)
yocto	$10^{-24}$ (Vorsilbe/prefix)
YOTO	International Year of the Ocean (1998)
YP	Young Professionals
yr	Year
YSF	Yield Stress Fluid
YSN	Young Scientists Network (USA)
YSZ	Yttriumoxid-stabilisiertes Zirkonoxid
YT	Mayotte (ISO 3166)
YT	Yukon Territories (Province of Canada)
Y2K	Year 2000 [problem]

## Z

z...	Zepto... (Präfix/prefix) $10^{-21}$
Z...	Zetta... (Präfix/prefix) $10^{21}$
ZA	Südafrika/South Africa (ISO 3166)
ZAE Bayern	Bayerisches Zentrum für Angewandte Energieforschung (Würzburg)
ZAG	Zentrum für Angewandte Geowissenschaften (Universität Tübingen)
ZALF	Zentrum für Agrarlandschaftsforschung und -gestaltung (oder: Zentrum für Agrarlandschafts- und Nutzungsforschung) (Müncheberg)

ZAMM	Zeitschrift für angewandte Mathematik und Mechanik
ZAMN	Zentralarchiv für Mathematiker-Nachlässe (SUB, Göttingen)
ZaPF	Zusammenkunft aller Physik-Fachschaften
ZARM	Zentrum für Angewandte Raumfahrttechnologie und Mikrogravitation („Fallturm“, Univ. Bremen)
ZARI	Zentrum Anaesthesiologie, Rettungs- und Intensivmedizin
ZAV	Zentralstelle für Arbeitsvermittlung (Frankfurt/M)
ZAVIR	Zurechenbarkeit von Aktionen in virtuellen Welten
ZBL	Zentralbibliothek der Landesbauwissenschaften (Bonn)
ZBT	Zentrum für Brennstoffzellen-Technik (Duisburg)
ZDB	Zeitschriftendatenbank
ZDC	Zero Degree Calorimeter (CERN)
ZDF	Zweites Deutsches Fernsehen
ZDH	Zentralverband des Deutschen Handwerks
ZdK	Zentralkomitee der deutschen Katholiken
ZDK	Zentralverband Deutsches Kraftfahrzeuggewerbe
ZDL	Zivildienstleistender
ZDW	Zero-Dispersion Wavelength (Laser)
ZEAM	Zentraleinrichtung für Audiovisuelle Medien (FU Berlin)
ZEBET	Zentralstelle zur Erfassung von Ersatz- und Ergänzungsmethoden beim Tierversuch
ZEF	Zentrum für Entwicklungsforschung (Bonn, seit/since 1997)
ZEFFPP	Zero Emission Fossil Fuel Power Plant
ZEI	Zentrum für Europäische Integrationsforschung (Bonn, seit/since 1997)
ZEKE	Zero Kinetic Energy (Spektroskopie/spectroscopy)
ZEM	Zentrale Einrichtung Medien (Göttingen)
ZENIT	Zentrum für Innovation und Technik (Mühlheim, NRW)
ZENS	Zentrum für Europa- und Nordamerika-Studien (Göttingen)
ZERIN	Zentrum für Rieskrater- und Impaktforschung in Nördlingen
ZET	Zentrum für Energie und Technik (Rendsburg)
ZETA	Zero-Energy Toroidal Assembly (1950s)
ZEV	Zero Emission Vehicle
ZEVA	Zentrale Akkreditierungs- und Evaluationsagentur Hannover
ZEW	Zentrum für Europäische Wirtschaftsforschung (Mannheim)
ZFB	Zentrum für Bucherhaltung (Leipzig)
ZFC	[Ernst] Zermelo, [Abraham] Fraenkel [Axiom of] Choice (Axiomensystem für die natürlichen Zahlen)
ZFK	Zentralinstitut für Kernforschung (Rossendorf, bis 1991)
ZFMK	Zoologisches Forschungsinstitut und Museum Alexander König (Bonn)
ZFO	Forschungs[- und Entwicklungs]personal-Zuwachsförderung Ost (BMFT)
ZfP	Zerstörungsfreie Prüfung
ZFW	Zeitschrift für Flugwissenschaften
ZFW	Zentralinstitut für Festkörperphysik und Werkstoffforschung (Akademie der Wissenschaften, ehem./former DDR)
ZfW	Zentrum für Funktionswerkstoffe (Göttingen)
ZGDV	Zentrum für Graphische Datenverarbeitung (Darmstadt)
ZGI	Zentrales Geologisches Institut (ehem./former DDR)
ZGV	Zero-Group-Velocity
ZHAW	Zürcher Hochschule für Angewandte Wissenschaften
ZHG	Zentrales Hörsaalgebäude
ZIA	Zentrale Intelligenz Agentur (Berlin)
ZIB	Zuse Institut Berlin
ZIE	Zentralinstitut für Elektronenphysik (ehem./former DDR)
ZIG	Zentrum für Interdisziplinäre Gesundheitsforschung (Universität Augsburg)
ZIM	Zentrum für interdisziplinäre Medienwissenschaft (Göttingen)
ZIO	Zentrum für Intelligente Objekte (am Fraunhofer-IIS)
ZIP	[Dateinamenerweiterung: Archivdatei, komprimiert/file name extension: compressed archive file]
ZIP	Zone Improvement Plan (Postleitzahlen/postal code, USA)
ZIPE	Zentralinstitut für die Physik der Erde (ehem./former DDR)
ZISW	Zentralinstitut für Sprachwissenschaft (Berlin)
ZK	Zentralkomitee (der kommunistischen Partei, UdSSR)
ZKA	Zentraler Kreditausschuss
ZKI	Zentren für Kommunikation und Informationsverarbeitung in Lehre und Forschung e.V.
ZKI	Zentrum für Satellitengestützte Kriseninformation (DLR, Oberpfaffenhofen)
ZKLM	Zentrum für Kfz-Leistungselektronik und Mechatronik (Nürnberg)
zKLS	zentrale Kommission für Lehre und Studium
ZKRD	Zentrales Knochenmarkspender-Register Deutschland
ZLP	[DLR-] Zentrum für Leichtbauproduktionstechnologie (Stade, Augsburg)
ZM	Sambia/Zambia (ISO 3166)
ZMB	Zentralbibliothek der Medizin (Köln)
ZMBH	Zentrum für Molekulare Biologie der Universität Heidelberg
ZMNH	Zentrum für Molekulare Neurobiologie (Hamburg)
ZNL	(Transfer-) Zentrum für Neurowissenschaften und Lernen (Ulm)
ZNS	Zentralnervensystem
ZNT	Zentrum Neue Technologien (Deutsches Museum, München)
ZNV	Zentrum für Neurobiologie des Verhaltens (Göttingen)
ZOS	Zentralinstitut für Optik und Spektroskopie (ehem./former DDR)
ZP	Zona Pellucida (biomembrane)
ZPID	Zentralstelle für Psychologische Information und Dokumentation (Trier)
ZR	Zaire (ISO 3166 bis/until 1997)
ZSb	Zentrale Studien- und Studentenberatung
ZSK	Zentrum für Sicherheits- und Katastrophenschutztechnik (in Hemer)

ZSW	Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg
ZSZ-e	Zentrum für Systemzuverlässigkeit mit Schwerpunkt Elektromobilität (LBF)
ZULIP	Zeiss Universal Laser Image Projector (Planetarium/planetarium)
ZUMA	Zentrum für Umfragen, Methoden und Analysen (Mannheim)
ZVE	Zentrum für Verbindungstechnik in der Elektronik (Oberpfaffenhofen)
ZVE	[Fraunhofer-] Zentrum für Virtuelles Engineering (am IAO)
ZVEI	Zentralverband der Elektrotechnik- und Elektronikindustrie
ZW	Simbabwe/Zimbabwe (früher: Südrhodesien/former Southern Rhodesia) (ISO 3166)
ZWARP	Zweiachiale Radprüfung, Zweiachialer Radprüfstand
ZWG	Zentralinstitut für Wissenschaftlichen Gerätebau (Adlershof, ehem./former DDR)

## Ziffern/Numerals

10GE	10-Gigabit-Ethernet
2D	Two-Dimensional
2DEG	Two-Dimensional Electron Gas
2dFRGS	2-Degree Field Galaxy Redshift Survey (Astrophysik/astrophysics)
2G	Second Generation (Telekommunikation, GSM)
2.5G	2.5 Generation Mobile
2R	Receive, Reshape (optische Telekommunikation/optical telecommunication)
3D	Three-Dimensional
3DCIC	3D Collaboration and Interoperability Conference
3D-COFORM	Tools and Expertise for 3D Collection Formation (EU project to digitize art collections)
3DCRT	3-Dimensional Conformal Radiotherapy
3DIC	3D Innovation Center (HHI)
3DNRFL	Three-Dimensional Negative Refraction Flat Lense
3DP	3D Printing
3G	Third Generation (Telekommunikation/telecommunication)
3G.IP	3G Mobile Internet (Telekommunikation/telecommunication)
3GL	Third Generation Language
3GPP	Third Generation Partnership Project (Telekommunikation/telecommunication)
3GRC	3G Reality Centre
3G3P	Third Generation Patents Platform Partnership (Telekommunikation/telecommunication)
3 $\mu$ P	Multi-Reaction, Multi-Sample Microfiche Platform (research project)
3PP	Three-Photon Polymerization (Chemie/chemistry)
3R	Retime, Reshape and Regenerate (or: Reshaping, Retiming, Reamplification) (optische Datenübertragung/optical data transmission)
4-D-CARMA	Four Dimensional Cooperative Arrival Manager (DLR)
4G	Fourth Generation (Telekommunikation/telecommunication)
8DPSK	8-Phase Differential Phase Shift Keying (Telekommunikation/telecommunication)
8PSK	8 Phase Shift Keying (Telekommunikation/telecommunication)