



Euclid Consortium Acronyms List

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2. Acronyms List

2dF	Two Degree Field
2MASS	Two Micron All Sky Survey
2PCF	2-Points Correlation Function
3PCF	3-Points Correlation Function
4MOST	4-meter Multi Object Spectroscopic Telescope (on the ESA VISTA telescope)
A&A	Astronomy and Astrophysics (Journal)
A&A	Authentification and Authorisation
ABCL	As Built Configuration List
AC	Alternating Current
ACA	Attitude Control Axes
ACMS	Attitude Control and Measurement Sub-system
ACRD	Additional Cosmology Requirements Document
ACS	Advanced Camera for Survey (HST camera)
ACT	Atacama Cosmology Telescope
ACTPol	ACT Polarimeter
AD	Applicable Document
ADASS	Astronomical Data Analysis Software and System
ADC	Analog to Digital Converter
ADD	Architectural Design Review
ADPM	Antenna Deployment and Pointing Mechanism
ADS	Airbus Defence and Space
ADU	Analog to Digital Units
AdvACT	Advanced ACTPol
AE	ArianeEspace
AEGIS	All-wavelength Extended Groth strip International Survey
AGB	Asymptotic Giant Branch
AGES	AGN and Galaxy Evolution Survey
AGN	Active Galactic Nucleus/Nuclei
AI	Action Item
AI	Artificial Intelligence
AlfA	Argelander-Institut für Astronomie (Bonn, Germany)
AIM	Action Items Manager
AIM	Astrophysique Instrumentation Modelisation (CEA-CNRS, Saclay, France)
Airbus DS	Airbus Defence and Space (Ex-Astrium)
AIT	Assembly Integration and Testing / Assembly Integration and Test
AIV	Assembly Integration and Verification
ALMA	Atacama Large Millimetre/Submillimetre Array (Charnator, Chili)
AM	Abundance Matching
AMAZED	Algorithms for Massive Automatic Z Evaluation and Determination
AMR	Adaptive Mesh Refinement



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AMU	Accelerometer Measurement Unit
ANNz	Artificial Neural Network for photo-z measurement (photometric redshift measurement method)
AO	Announcement of Opportunity
AOB	Any Other Business
AOCS	Attitude and Orbit Control System
Aol	Angle of Incidence
AoS	Acquisition of Signal
AOS	Autonomy, Operations and Software
AP	Alcock-Paczynski
APC	laboratoire AstroParticule et Cosmologie (Paris, France)
APE	Absolute Pointing Error
API	Application Programming Interface
APID	Application Process ID
APM	Antenna Pointing Mechanism
AR	Acceptance Review (instruments)
AR	Anti-Reflection
ARES	Analysis and REporting System (ESOC)
ARTS	Anomaly Report and Tracking System
ASAP	Advanced System Analysis Program
ASFT	ASTrium France Toulouse (Currently Airbus Defence and Space Toulouse)
ASI	Agenzia Spaziale Italiana (Italy)
ASIC	Application Specific Integrated Circuit
ASKAP	Anstralian SKA Pathfinder
AST	EADS ASTrium (Currently Airbus Defence and Space, Airbus DS)
ASW	Application SoftWare
ATB	Agency Technology Transfer Board
ATC	Astronomy Technology Centre (Edinburgh, UK)
ATHENA	Advanced Telescope for High ENergy Astrophysics
AVM	AVionic Model
AWG	Astronomy Working Group (ESA)
aXe	Software package for Automated EXtraction and Calibration of spectra from HST slitless grism observations
aXeSIM	aXe SIMulation of slitless spectral images
B-mode	Non-lensing signal in gravitational shear analysis – Curl term “B” from analogy with Electromagnetic signal
BACCO	Bias And Clustering Calculations Optimized
BAHAMAS	BAryons and Haloes of MAssive Systems
BAO	Baryonic Acoustic Oscillations
BASSICC	BAO SimulationS at the Institute for Computational Cosmology
BBC	BEAMS with Bias Correction (SN)
BBKS	Bardeen-Bond-Kaiser-Szalay
BBM	Bread Board Model
BBN	Big Bang Nucleosynthesis
BC	Bus Control



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BCG	Brightest Cluster Galaxy
BCN	Barcelona (consortium of institution in Barcelona for the FWA)
BD	Brown Dwarf
BDM	Bound Density Maximum
BEAMS	Bayesian Estimation Applied to Multiple Species
BELSPO	BELgian Science Policy Office (Belgium)
BFE	Brighter-Fatter Effect
BG	Blue Grism
BGS	Blue GriSm
BK	Bispectrum
BMC	Bayesian Model Comparison
BNT	Bernardeau-Nishimichi-Taruya (transformation)
BOL	Beginning Of Life
BOSS	Baryon Oscillation Spectroscopic Survey
BP	BasePlate
BPT	Baldwin-Phillips-Terlevich (diagram)
BPZ	Bayesian Photo-Z (photometric redshift measurement method)
BRDF	Bi-directional Reflectance Distribution Function
BSDF	Bi-directional Scattering Distribution Function
BSP	Board Support Package
BSS	Bottom Support Structure (NI-DS)
BSW	Boot SoftWare
BTDF	Bi-directional Transmittance Distribution Function
BUFFALO	Beyond Ultra-deep Frontier Fields and Legacy Observations
C3R2	Complete Calibration of the Color-Redshift Relation survey
C&CCP	Cleaningless and Contamination Control Plan
CAAUL	Centro de Astronomia e Astrophysica da Universidade de Lisboa (Lisbon, Portugal)
CaC	Cost at Completion
CAD	Computer Aided Design
CADC	Canadian Astronomy Data Center (Victoria, Canada)
CaLA	Camera Lens Assembly (NISP)
CalCD-A	Calibration Concept Document Part A
CalCD-B	Calibration Concept Document Part B
CalF	Calibration Framework
CALF	Constraints and Limitations File
CALOG / CalOG	CALibration Operation Group
CalTS	Calibration Time Stamps
CalWG	(Euclid) Calibration Working Group
CAMB	Code for Anisotropies of the Microwave Background
CAT	CATalogue (component)
CAUP	Centro de Astrofisica da Universidade do Porto (Porto, Portugal)
CBE	Current Best Estimate



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CBS	Cost Breakdown Structure
CC	Cell-Cell interactions (simulations)
CCB	Change Control Board
CCB	Configuration Control Board
CCC	Cleanliness and Contamination Control
CCD	Charge Coupled Device
CCDWG	(Euclid) CCD Working Group
CCF	Cross Correlation Function
CCIN2P3	Centre de Calcul de l'IN2P3 (in Lyon, France)
CCN	Contract Change Note
CCR	Calibration Change Request
CCS	Central Checkout System
CCSDS	Consultative Committee for Space Data System
CDE	Coupled Dark Energy
CDF	Concurrent Design Facility
CDF	Cumulative Distribution Function
CDM	Cold Dark Matter
CDM	Common Data Model
CDMS	Central Data Management System
CDMS	Command and Data Management System
CDMS	Cryogenic Dark Matter Search
CDMU	Command and Data Management Unit
CDPPC	Calibration Data Processing and Product Calibration Plan
CDPU	Control and Data Processing Unit (VIS)
CDR	Critical Design Review
CDS	Centre de Données astronomiques de Strasbourg (Strasbourg, France)
CE	Conducted Emission
CEA	Commissariat à l'Energie Atomique
CEFCA	Centro de Estudios de Física del Cosmos de Aragón (Teruel, Spain)
CERN	Centre Européen pour la Recherche Nucléaire – European Organisation for Nuclear Research
CF	Contingency Fraction
CFC	Cryo Flex Cable
CFDP	CCSDS File Delivery Protocol
CFE	Customer Furnished Equipment
CFHT	Canada-France-Hawaii Telescope (Mauna Kea, Hawaii, Big Island)
CFHT	Canada-France-Hawaii Telescope Corporation (Kamuela, Hawaii)
CFHTLenS	Canada-France-Hawaii Telescope Lensing Survey
CFHTLS	Canada-France-Hawaii Telescope Legacy Survey
CFI	Customer Furnished Items
CFIS	Canada-France Imaging Survey
CFRP	Carbon Fiber Reinforced Plastic
CGH	Computer-Generated Hologram



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CGS	Compagnia General per lo Spazio (Italian industry)
CHIME	Canadian Hydrogen Intensity Mapping Experiment
CHMF	Cumulative Halo Mass Function
CI	Configuration Item
CIB	Cosmic Infrared Background
CIDL	Configuration Item Data Lists
CIL	Configuration Item List
CITA	Canadian Institute for Theoretical Astrophysics (Toronto, Canada)
CL	CLusters of galaxies
CL	Confidence Level
CL	Corrector Lens
CLA	Coupled Loads Analysis
CLASH	Cluster Lensing And Supernova survey with Hubble
CLASS	Cosmological Linear Anisotropy Solving System
CLF	Constraints and Limitations File
CLI	Command Line Interface
CLOE	Cosmology Likelihood for Observables in Euclid
CLPT	Convolution and Lagrangian Approximation Theory
CM	Common Mode
CM	Configuration Management
CM	Covariance Matrix
CM	Cryo Mechanism
CMASS	Constant MASS (SDSS catalogue of selected galaxies)
CMB	Cosmic Microwave Background
CMD	Color-Magnitude Diagram
CMD	CoMmanD
CMOS	Complementary Metal Oxide Silicon
CMP	Configuration Management Plan
CMRR	Common Mode Rejection Ratio
CMU	Compensating Mechanism Unit
CNES	Centre National d'Etudes Spatiales (France)
CNRC	Conseil National de Recherches Canada (Canada)
CNRS	Centre National de la Recherche Scientifique (France)
COBE	COsmic Background Explorer
CODEEN	COLaborative DEvelopment ENvironment
CoC	Code of Conduct
COG	Center Of Gravity
COG	Complementary Observations Group
CoLA	Corrector Lens Assembly (NISP)
COM	COMmunication (EC communication group)
COMBO-17	Classifying Objects by Medium Band Observations (17 filters)
ComPRASS	Combined Planck-RASS (catalogue)



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COORS	COmmon ORchestration System
COSEBI	Complete Orthogonal Sets of E-B-mode Integrals
COSMOS	COSMOlogical evolution Survey
COSPAR	Committee On SPace Research
COTS	Commercial Off-The-Shelf
CP	Commissioning Phase
CPC	Completeness Purity Calibration (field)
CPL	Chevalier-Polarski-Linder
CPPM	Centre de Physique des Particules de Marseille (Marseille, France)
CPS	Consortium Processing Services
CPU	Central Processing Unit
CPV	Commissioning and Performance Verification
CR	Change Request
CR	Cosmic Ray
CRB	Change Review Board
CRC	Cyclic Redundancy Check
CREMA	Consolidated REport from Mission Analysis
CRESST	Cryogenic Rare Event Search with Superconducting Thermometer
CRSNG	Conseil de Recherche en Sciences Naturelles et en Genie du Canada
CS	Conducted Susceptibility
CSA	Canadian Space Agency (Canada)
CSG	Centre Spatial Guyanais
CSIC	Consejo Superior de Investigaciones Cientificas
CSL	Centre Spatial de Liège (Liège, Belgium)
CSL	Configuration Status List
CSRD	Cosmological Simulations Requirements Document
CSS	Cold Support Structure (of NI-DS, NISP)
CSS-OS	Chinese Space Station Optical Survey
CSST	China Space Station Telescope
CST	Consent To Ship
CT	Common Tool
CTE	Charge Transfer Efficiency
CTE	Coefficient of Thermal Expansion
CTI	Charge Transfer Inefficiency
CU	Calibration Unit
CUS	Common Uplink System
CUS	Consortium User Services
CV	Cosmic Vision (ESA programme)
CVS	Concurrent Version System
DAB	Database Application Builder
DAC	Digital to Analog Converter
DAP	Departement d'Astrophysique (CEA, Saclay, France)



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DARK	DARK Cosmology Centre (Copenhagen, Denmark)
DAS	Data Acquisition System
DB	Data Base
DC	Data Challenge
DC	DiChroic
DC	Dichroic Characterization
DC-FS	DiChroic Flight Spare
DC	Direct Current
DCCM	Document Configuration and Change Management
DCR	Document Change Request
DCU	Detector Control Unit
DDD	Detailed Design Document
DDL	Deliverable Document List (Document Delivery List)
DDP	Derived Data Products
DDS	Data Distribution System
DDS	Digital Data Storage
DDV	Design, Development and Verification
DE	Dark Energy
DEC	DEClination
DECaLS	Dark Energy Camera Legacy Survey
DELS	Dark Energy spectroscopic instrument Legacy Survey
DeM	Demonstration Model
DES	Dark Energy Survey
DESC	Dark Energy Science Collaboration
DESI	Dark Energy Spectroscopic Instrument
DETF	(NASA) Dark Energy Task Force
DEUS	Dark Energy Universe Simulation
DGP	Dvali-Gabadadze-Porrati (model)
DHS	Data Handling System
DIRBE	Diffuse InfraRed Background Experiment
DIT	Detector Integration Time
DJF	Design Justification File
DLL	Design Limit Loads
DLR	Deutsches Zentrum für Luft- und Raumfahrt (Germany)
DM	Dark Matter
DM	Data Model
DM	Development Model
DM	Differential Mode
DMGSR	Development Model and Ground Support Equipment Requirements
DMML	Declared Material/Mechanical part Lists
DMS	Data Management System
DMSF	Document Management File



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DNF	Directional Neighborhood Fitting (code)
DOE	Department of Energy (USA)
DoF	Degree of Freedom
DP	Data Processing
DP	Detector Plane
DPL	Declared Processes List
DPRD	Data Processing Requirements Document (SGS)
DPRR	Data Processing Readiness Review (SGS)
DPS	Data Processing System
DPU	Data Processing Unit
DQ	Data Quality
DQC	Data Quality Check
DQE	Detected Quantum Efficiency
DQM	Data Quality Mining
DQR	Daily Quality Report
DR	Dark Radiation
DR	Data Release
DR	Design Review
DRB	Delivery Review Board
DRD	Document Requirements Descriptions
DRD	Document Review Description
DRF	Direction de la Recherche Fondamentale (CEA, France)
DRL	Document Requirements List
DS	Deep Survey
DS	Detection System
DSS	Data Storage System
DSS	Distributed Storage System
DSU	Debug Support Unit
DTCP	Daily Telemetry Communications Period
DTCP	Daily Tele-Communication Period
DTA	Damage Threat Assessment
DTU	Denmark Tekniske Universitet (Lyngby, Denmark)
DUNE	Dark UNiverse Explorer
DWG	Detector Working Group
E2E	End-to-End
E2ES	End-to-End performance Simulator
EA	Euclid Archive
EAC	Estimate At Completion
EACS	Euclid Archive Core System
EACSL	Euclid Advisory and Coordination Support Lead
EADP	Euclid Archive Development Plan (SGS)
EAITM	Electrical AIT Manager



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EAITO	Electrical AIT Operator
EAS	Euclid Archive System
EAS	Exchange ActiveSync protocol
EAS-DPS	EAS Data Processing System (Euclid Archive System)
EAS-DSS	EAS Distributed Storage System (Euclid Archive System)
EAS-SAS	EAS Science Archive System (Euclid Archive System)
EAUG	Euclid Archive User Group (SGS)
EAZY	Easy and Accurate Z from Yale (photometric redshift measurement)
EBI	Eddington-Born-Infeld
eBOSS	Extended Baryon Oscillations Spectroscopic Survey
EC	Euclid Consortium (=EMC)
ECA	Euclid Contributing Agency
ECB	Euclid Consortium Board
ECC	Euclid Consortium Communication
ECC	Early Career Committee
ECC	Error Correcting Code
ECCG	Euclid Consortium Coordination Group
ECCOG	Euclid Consortium Complementary Observations Group (or COG)
ECCOM	Euclid Consortium COMMunication
ECDC	Euclid Consortium Diversity Committee
ECDM	Euclid Common Data Model
ECEB	Euclid Consortium Editorial Board
ECEB-OD	ECEB-Operation Document
ECICC	Euclid Consortium Information Channels Committee
ECICIC	Euclid Consortium Information Channels Implementation Committee
ECICOM	Euclid Consortium Information and Communication Management (new, June 2023)
ECICOM	Euclid Consortium Internal COMMunication (obsolete)
ECIM	Euclid Consortium Internal Material
ECL	Euclid Consortium Lead
ECL-D	ECL Deputy
ECLIPSE	ECSS ComplLiant toolset for Information and Project Support of Enterprises in space
ECL-SO	ECL Support Office
ECM	Euclid Consortium (annual) Meeting
ECMC	Euclid Consortium Membership Committee
ECP	Engineering Change Proposal
ECPG	Euclid Consortium Publication Group
ECPG-D	ECPG-Data
ECPG-S	ECPG-Science
ECPG-T	ECPG-Technical
ECPP	Euclid Consortium Publication Policy
ECPPD	Euclid Consortium Publication Policy Document
ECR	Engineering Change Request



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ECSGS/ EC-SGS	Euclid Consortium Science Ground Segment (SGS)
ECSURV	Euclid Consortium SURVey group
ECSB	Euclid Consortium Speakers Bureau
ECSS	European Cooperation for Space Standardization
ED	Experimental Design
ED	External Data
EDAC	Error Detection and Correction
EDDS	Embedded Data Display System
EDE	Early Dark Energy
EDEN	Euclid Development Environment
EDF	Euclid Deep Field
EDFF	Euclid Deep Fornax Field
EDFN	Euclid Deep Field North
EDFS	Euclid Deep Field South
EDI	Equality, Diversity and Inclusion
EFS	Euclid Flagship Simulation
EGI	European Grid Initiative
EGSE	Electrical Ground Support Equipment
EE	Encircled Energy
EE	End-to-End tests (=E2E)
EEGS	Euclid Extended Ground Segment
EEE	Electrical, Electronic, and Electromechanical
E-ELT	European Extremely Large Telescope (ESO, Cerro Armazones, Chili)
EEPROM	Electrically Erasable Programmable Read-Only Memory
EF	Engineering Fraction
EFE	ESA Furnished Equipment
eFEDS	eROSITA Final Equatorial Depth Survey
EFT	Effective Field Theory
EGO	European Gravitational Observatory (hosting VIRGO)
EGSE	Electrical Ground Support Equipment
EGSSEG	Euclid Ground Segment System Engineering Group
EIC	Euclid Imaging Channels
EID-A	Experiment Interface Document Part A
EID-B	Experiment Interface Document Part B
EIDP	End-Item Data Package
EIQT	Euclid Image Quality Tool
EIR	Euclid Instrument Requirement
ELA	ELectrical and Avionics
ELA	Euclid Legacy Archive
ELG	Emission Line Galaxy
ELVIS	Exploring the Local Volume in Simulations



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E-mode	Pure gravitational lensing signal in gravitational shear analysis– Divergence term “E” from analogy with Electromagnetic signal
EM	Electrical Model
EM	Engineering Model
EMA	Euclid Mission Archive (SGS)
EMC	ElectroMagnetic Compatibility
EMC	Euclid Mission Consortium (=EC)
EMI	ElectroMagnetic Interference
EMT	Energy-Momentum Tensor
EnEI	non-Euclid Imaging
eNLA	Extended Non-Linear Alignment model (IA of galaxies)
EO	Earth Observation
EOAT	Euclid Optimization Advisory Team
EOL	End Of Life
EOGS	Euclid Operations Ground Segment
EPA	ESD Protected Area (Electro Static Discharge Protected Area)
EPER	Extended Pixel Edge Response
EPDD	Euclid Project Definition Document
EPFL	Ecole Polytechnique Fédérale de Lausanne (Lausanne, Switzerland)
E-PLM	Extended PayLoad Model
EPLM	Euclid PayLoad Module
EPO	Education and Public Outreach
EPOS	EPO Scientist
EQM	Engineering and Qualification Model
ERO	Early Release Observation
EROS	Expérience pour la Recherche d'Objets Sombres
eROSITA	Extended Röntgen Survey Imaging Telescope Array
ERS	Euclid Reference Survey
ES	Electronic Structure
ESA	European Space Agency
ESAC	European Space Astronomy Centre (Madrid, Spain)
ESA-PO	(Euclid) ESA Project Office
ESD	Electro Static Discharge
ESDC	ESAC Science Data Centre
ESO	European Southern Observatory
ESOC	European Space Operation Centre (Darmstadt, Germany)
ESOP	Early Science Operation Phase
ESS	Euclid Survey System
ESSF	Euclid Survey Software Framework
ESSPT/ESS-PT	Euclid Sky Survey Planning Tool
ESSOT	Euclid Sky Survey Operation Tool
ESST	Euclid Science Study Team



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ESSWG	Euclid Sky Survey Working Group
EST	Euclid Science Team (ESA)
ESTEC	ESA's Space research and TEchnology Center (Noordwijk, The Netherlands)
ESVM	Euclid SerVice Module
ETC	Environment and Tests Campaign
ETC	Exposure Time Calculator
ETG	Early Type Galaxy
ETHZ	Eidgenössische Technische Hochschule Zürich (Zürich, Switzerland)
EULER	Euclid Consortium Long term Exceptional achievement Reward
EVLA	Expanded Very Large Array
EWC	Enabling Weak Lensing Cosmology
EWS	Euclid Wide Survey
EXT	Euclid EXternal data
EZ	Easy-Z (redshift determination)
FA	Funding Agency
FAR	Flight Acceptance Review
FBO	Flight Based Operations
FCDM	Fuzzy Cold Dark Matter
F-CDPU	Focal plane Control and Data Processing Unit
FCT	Flight Control Team
FCT	Fundação para a Ciência e a Tecnologia (Portugal)
FD	Flight Dynamics
FDM	Fuzzy Dark Matter
FDIR	Failure Detection Isolation and Recovery
FE	Front End
FEM	Finite Element Model
FFG	ForschungsFörderungsGesellschaft (Austria)
FFP	Free Floating Planet
FFT	Fast Fourier Transform
FGS	Fine Guidance Sensor
FH	Flight Harness
FIR	Far InfraRed
FITS	Flexible Image Transport System
FLRW	Friedmann-Lemaître-Roberston-Walker
FM	Flight Model
FM1, FM2, FM3	Folding Mirror 1,2,3
FMEA	Failure Mode Effects Analysis
FMECA	Failure Mode Effects and Criticality Analysis
FMM	Fast Multipole Method
FNRS	Fonds National suisse de la Recherche Scientifique (Switzerland)
FOF	Friends-to-Friends
FOG	Finger Of God



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FOM	Figure Of Merit
FOM	Folder Miror (FOM 1, 2, 3)
FOP	Flight Operations Plan
FOP	Flight Operation Procedures
FOS	Factor Of Safety
FOV	Field Of View
FP	Focal Plane
FP7	(European) 7 th Framework Programme
FPA	Focal Plane Array
FPA	Focal Plane Assembly
FPE	Focal Plane Electronics
FPGA	Field Programmable Gate Array
FPU	Floating Point Unit
FPS	Focal Plane Structure
FPS	Focal Plane Support
F-PSU	Focal plane Power Supply Unit
FPT	Full Performance Test
FRR	Flight Readiness Review
FRW	Friedmann-Robertson-Walker
FS	(Euclid) Flagship Simulation (Same as EFS)
FS	Flight Spare
FSM	Finite State Machine
FTA	Fault Tree Analysis
FTE	Full Time Equivalent
FW	Flight Wheel
FWA	Filter Wheel Assembly
FWC	Full Well Capacity
FWHM	Full Width Half Maximum
GADGET	GAxaxies with Dark matter and Gas interact
GALFIT	GALaxy FITting (two dimensional galaxy image decomposition program)
G3L	Galaxy-Galaxy-Galaxy Lensing
GAAP	GAussian Aperture and PSF
GaBoDS	Garching-Bonn Deep Survey
GAMA	Galaxy And Mass Assembly
GC	Galaxy Clustering
GCE2E	Galaxy Clustering spectroscopic End-to-End simulations
GCR	Galactic Cosmic Ray
GCp	Galaxy Clustering from photometric redshifts
GCs	Galaxy Clustering from spectroscopic redshifts
GC-SWG	Galaxy Clustering Science Working Group
GDIR	General Design & Interface Requirements
GDM	Generalised Dark Matter



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GDPRD	Ground Data Processing Requirements Document
GEA	Generalized Einstein-Aether
GEMS	Galaxy Evolution from Morphology and SED Survey
GEPI	Galaxies, Etoiles, Physique et Instrumentation (Paris-Meudon, France)
GEV	Galaxy and AGN Evolution
GFRP	Glass Fiber Reinforced Plastic
GFTS	General Transit Feed Specification
GG	(pure) Galaxy-Galaxy lensing signal
GG	Gravitational-Gravitational ellipticity (shear-shear) correlation
GGL	Galaxy-Galaxy Lensing
GGP	Gaseous Giant Planet
GI	Gravitational-Intrinsic ellipticity (shape-shear) cross-correlations
GIT	Global Information Tracker
GIM2D	Galaxy Image 2-Dimension (two dimensional decomposition program)
GMM	Geometrical Mathematical Model
GND	GrouND
GNU	GNU's Not Unix
GOODS	Great Observatory Origins Deep Survey
Gpc	Gigaparsec
GPGPU	General Purpose Graphical Processing Units
GPL	General Public Licence
GPM	Generic Processing Module
GPU	Graphics Processing Unit
GR	General Relativity
GRB	Gamma Ray Burst
GREAT	GRavitational lEnsing Accuracy Testing
GSDR	Ground Segment Design Review
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center (Greenbelt, USA)
GSIR	Ground Segment Implementation Review
GSIRD / GS-IRD	Ground Segment Operation Interface Requirements Document
GSORR	Ground Segment Operational Readiness Review
GSRqR	Ground Segment Requirements Review
GSRR	Ground Segment Readiness Review
GSTV	Ground System Test and Validation (of infrastructure)
GTC	Gran Telescopio Canarias
GUI	Graphical User Interface
GW	Gravitational Wave
GWA	Grism Wheel Assembly
H0LiCOW	H0 Lenses In COSMOGRAIL's Wellspring
H2020	Horizon 2020 (European Commission Framework Programme for Research and Innovation 2014-2020)
H2RG/	HgCdTe Astronomy Wide Area Infrared Imager - 2kx2k with Reference pixels and Guide mode



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HAWAII-2RG	
HACC	Hardware/Hybrid Accelerated Cosmology Core
HAR	Harness
HUV	Hubble Deep UV survey
H/K	HouseKeeping
HPC	High Performance Computing
HPCC	High Performance Computing Center
HD	High Density
HDF	Hubble Deep Field
HDR	Hardware Design Review
HDRM	Hold-Down and Release Mechanism
HEALPIX	Hierarchical Equal Area isoLatitude PIXelisation
HETDEX	Hobby-Eberly Telescope Dark Energy Experiment
HGA	High Gain Antenna
HgCdTe	Hg (Mercury) Cadmium Telluride
HFF	Hubble Frontier Fields
HIRAX	Hydrogen Intensity and Real-time Analysis eXperiment
HK	House-Keeping
HKTM	House-Keeping Telemetry
HMcode	Halo Model code (for non-linear matter power spectrum calculations)
HMS	Health Monitoring System
HOD	Halo Occupation Distribution
HOLICs	High Order Lensing Characteristics
HPS	Horizon of Planned Survey
HPST	HPST generation Time
HSC	HyperSuprime Camera (mounted on prime focus of Subaru telescope)
HST	Hubble Space Telescope
HTTP	Hyper Text Transfer Protocol
HUDB	Hubble Ultra Deep Field
HW	HardWare (=H/W)
IA	Intrinsic Alignment
IAC	Instituto de Astrofísica de Canarias (Canarias, Spain)
IAC	International Astronautical Congress
IADC	Inter-Agency space Debris Coordination Committee
IAF	International Astronautical Federation
IAFR	Instrument Acceptance Flight Review
IAL	Infrastructure Abstraction Layer
IAL	Interface Abstraction Layer
IAP	Image Analysis Pipeline
IAP	Institut d'Astrophysique de Paris (Paris, France)
IAPS	Istituto di Astrofisica e Planetologia Spaziali (Italy)
IAS	Institut d'Astrophysique Spatiale (Orsay, France)



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IAS	IOT-Instrument Ancillary System
IASF	INAF Istituto di Astrofisica Spaziale e Fisica cosmic (Italy)
IASF-BO	INAF Istituto di Astrofisica Spaziale e Fisica cosmica – Bologna (Bologna, Italy)
IASF-MI	INAF Istituto di Astrofisica Spaziale e Fisica cosmica – Milan (Milan, Italy)
IBDR	Instrument Baseline Design Review
ICA	Independent Component Analysis
ICA	Instrument Calibration
ICB	Interface Control Board
ICD	Interface Control Document
ICDR	Instrument Critical Design Review
ICE	Institut de Ciències de l'Espai (Barcelona, Spain)
ICE	Instrument Commanding Environment
ICG	Institute of Cosmology and Gravitation (Portsmouth, UK)
ICL	Internal Communication Lead
ICL	IntraCluster Light
ICM	IntraCluster Medium
iCOM	Internal COMmunication
ICP	Instrument Calibration Plan
ICR	Instrument Commanding Request
ICS	Instrument Commanding System
ICU	Instrument Control Unit
ID	Identifier
ID	Internal Data
IDM	Interacting Dark Matter
IDT	Instrument Dedicated Team
IDT	Instrument Development Team
IER	IOT Engineering Request
IEEC	Institut d'Estudis Espacial de Catalunya (Barcelona, Spain)
I/F, IF	InterFace
IF	In-Focus (exposures, for Phase Diversity Calibration)
IFA	Institute For Astronomy (Edinburgh, UK)
IFAE	Institut de Física d'Altes Energies (Barcelona, Spain)
IFAR	Instrument Flight Acceptance Review
IFC	In-Focus Calibration
IFSI	Istituto di Fisica della Spazio Interplanetario (Italy)
IGM	InterGalactic Medium
IH	Inverted Hierarchy
IHA	Instrument Health Assessment
II	Intrinsic-Intrinsic ellipticity (shape-shape) correlations
IICD	Internal Interface Control Document
IIRD	Internal Interface Requirements Document
IL	Instrument Lead



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ILS	Independent Legacy Scientist
ILT	Instrument Level Test
IM	Interface Module
IMF	Initial Mass Function
IMO	Instrument Model Owner
IMS	Instrument Maintenance System
IN2P3	Institut National de Physique Nucléaire et de Physique des Particules (CNRS, France)
INAF	Istituto Nazionale AstroFisica (Italy, see also INAF Osservatorio Astronomico =AO* listed below)
INFN	Istituto Nazionale di Fisica Nucleare (Italy)
ING	Isaac Newton Group (La Palma, Spain)
INSU	Institut National des Sciences de l'Univers (CNRS, France)
I/O	Input Output
IoA	Institute of Astronomy (University of Cambridge, UK)
IOCD	Instrument Operation Concept Document
IOCR	In Orbit Commissioning Review
IOF	Implementation Overhead Fraction
IOL	Instrument Operation Lead
IOT	Instrument Operation Team
IP	Image Plane
IP2I	Institut de Physique des Deux Infinis de Lyon (France)
IPA	Iso Propyl Alcohol
IPAC	Infrared Processing and Analysis Center (Pasadena, California)
IPC	Industrial Policy Committee
IPC	Intra Pixel Capacitance (NISP detectors)
IPDR	Instrument Preliminary Design Review
IPMO	Isolated Planetary-Mass Object
IPN	Institut de Physique Nucléaire d'Orsay (France)
IPNL	Institut de Physique Nucléaire de Lyon (France)
IPP	Industrial Procurement Plan
IPQE	IntraPixel Quantum Efficiency
IPRR	Instrument Preliminary Readiness Review
IR	InfraRed
IRAP	Institut de Recherche en Astrophysique et Planétologie (Toulouse, France)
IRAS	InfraRed Astronomical Satellite
IRD	Interface Requirements Document
IQ	Image Quality
IQR	Instrument Qualification Review
IRAF	Image Reduction and Analysis Facility
IRFU	Institut de Recherche sur les lois Fondamentales de l'Univers – CEA (Saclay, France)
IRR	Instrument Requirement Review
IS	Instrument Scientist
ISDC	Integral Science Data Center (Geneva, Switzerland)



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ISM	Inter Stellar Medium
ISM	Iso-Static Mount
ISO	International Organization for Standardization
ISS	Institute of Space Science (Magurele, Romania)
ISSR	Instrument System Requirements Review
IST	Instrument System Test
IST	Inter Science WG Task Force
IST-BG	IST- Blue Grism
IST-F	IST- Forecast
IST-L	IST- Likelihood
IST-NL	IST- Non Linear
ISW	Integrated Sachs Wolfe effect
IT	Information Technology
ITA	Institute of Theoretical Astrophysics (University of Oslo, Norway)
ITAR	International Traffic in Arms Regulations
IT-Ind	Italian Industry
ITN	(Marie Curie) Internal Training Network
ITT	Invitation To Tender
IW	Instrument Workstation
IWS	Instrument Work Station
JAXA	Japan Aerospace Exploration Agency (Japan)
JBD	Jordan-Brans-Dicke scalar tensor modified gravity model
JDEM	Joint Dark Energy Mission
JED	Japanese Euclid Consortium
JHU	John Hopkins University (Baltimore, Maryland)
JMU	John Moores University (Liverpool, UK)
J-PAS	Javalambre Physics of the Accelerating Universe
JPIP	Joint Project Implementation Plan
JPL	Jet Propulsion Laboratory (Pasadena, California)
JWST	James Webb Space Telescope
KAT	Karoo Array Telescope (alternatively MeerKAT)
KIDS	Kilo Degree Survey
KIP	Key Inspection Point
KL	Kullback-Leibler divergence
KO	Kick Off
KOM	Kick Off Meeting
KP	Key Project
KPNO	Kitt Peak National Observatory
KPP	Key Project Publication
KSB	Kaiser Squires and Broadhurst (shape measurement method)
L1, L2, L3	Level 1, Level2, Level3 Euclid data (Euclid Science Ground Segment, or LE1, LE2, LE3)
L2	Second Lagrange point



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LAM	Laboratoire d'Astrophysique de Marseille (Marseille, France)
LAMOST	Large Sky Area Multi-Object Fibre Spectroscopic Telescope
LAN	Local Area Network
LARS	Least Angle Regression-based Selection
LBG	Lyman Break Galaxies
LBL	Lawrence Berkeley national Laboratory (Berkeley, California)
LBT	Large Binocular Telescope
LC	Inductor-Capacitor circuit
LCDM/ Λ CDM	Lambda Cold Dark Matter
LCL	Latching Current Limiter
LDAP	Lightweight Directory Access Protocol
LDPRD	Legacy Data Processing Requirements Document (SGS)
LED	Light Emitting Diode
LEFT	Lagrangian Effective Field Theory
LENSFIT	LENS FITing (bayesian shape measurement method)
LensMC	(gravitational) Lensing Markov Chain Monte Carlo code
LEOP	Launch and Early Orbit Phase
Le PHARE	PHotometric Analysis for Redshift Estimate (photometric redshift measurement method)
LET	Linear Energy Transfer
LF	Luminosity Function
LFA	Lead Funding Agency
LGPL	Lesser General Public Licence
LHC	Large Hadron Collider (CERN)
LIGO	Laser Interferometer Gravitational wave Observatory
LIS	Legacy Information System
LiteBIRD	Lite satellite for the studies of B-modes polarization and Inflation from Cosmic background Radiation Detection
LLD	Launch Lock Device
LLI	Long-Lead Item
LLIF	Long-Lead Item List
LMA	Laboratoire des Matériaux Avancés (Villeurbanne, France)
LMC	Large Magellanic Cloud
LMU	Ludwig Maximilians-Universität München (München, Germany)
LoA	Letter of Agreement
LOFAR	LOW Frequency Array for Radio astronomy
Lol	Letter of Intent
LOS	Line Of sight
LOTA	(IOT) LONG Term Analysis
LoTSS	LOFAR Two-Meter Sky Survey
LPNHE	Laboratoire de Physique Nucléaire et de Hautes Energie (Paris, France)
LPP	Lightcurve Processing Pipeline
LPSC	Laboratoire de Physique Subatomique et de Cosmologie (Grenoble, France)
LPT	Limited Performance Test



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LRD	Legacy Requirements Document
LRG	Luminous Red Galaxy
LRR	Launcher Readiness Review
LSB	Least Significant Bit
LSB	Low Surface Brightness
LSF	Least Square Fit
LSST	Large Synoptic Survey Telescope
LSST	(Rubin Observatory) Legacy Survey of Space and Time (new definition of LSST)
LSSTC	Large Synoptic Survey Telescope Corporation (Tucson, Arizona, USA)
LTB	Lemaître -Tolman-Bondi
LTG	Late Type Galaxy
LVDS	Low-Voltage Differential Signal
LVPS	Low-Voltage Power Supply
LLT	Lunar Transit Telescope
M1, M2, M3	primary, secondary, tertiary Mirrors,
M2M	M2 Mechanism (M2 mirror subsystem)
M2MM	M2M Mechanism (M2 mirror mechanism part)
M&C	Monitoring & Control
MACC	Multi ACCumulation readout
MACHO	Massive Compact Halo Object
MACS	Massive Clusters Survey
MAIT	Manufacture, Assembly, Integration and Test
MAITM	Mechanical AIT Manager
MAITO	Mechanical AIT Operator
MAL	Metadata Access Layer
MAP	(JPL) Mission Assurance Plan
MASS	MASS maps (Weak Lensing)
MAST	Mikulski Archive for Space Telescopes
MaVaNs	Mass Varying Neutrinos
MBSE	Mission Based System Engineering
MC	Monte Carlo
MCDR (M-CDR)	Mission Critical Design Review
MCMC	Markov Chain Monte Carlo
MCMF	Multi-Component Matched Filter
MCP	Multi-Charged Particle
MCRR	Mission Commissioning Results Review
MCS	Mission Control System
MCT	Mercury Cadmium Telluride
MCXC	Meta Catalogue of X-ray detected Clusters
MDB	Mission Data Base
MDE	M2M Drive Electronics
MDM	Mimetic Dark Matter



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MDPA	Multi-DSP / Processor Architecture
MDR	MetaData Repository
MDS	Mission Data System
MeerKAT	Meerkat national park Karoo Array Telescope (South Africa)
MEF	Multiple Extension FITS
MER	Mission Engineering Request
MF	Mass Function
MFAR	Mission Flight Acceptance Review
MFLOPS	Million Floating Point Operations Per Second
MFS	Mass Flow Sensor
MG	Modified Gravity
MGSE	Mechanical Ground Support Equipment
MHP	Methane Heat Pipes
MIB	Mission Information Base
MICD	Mechanical Interface Control Document
MICE	Marenostrum Institut de Ciencies de l'Espai simulations
MICROSCOPE	MICRO-Satellite with Compensated drag for the Observation of the Principle of Equivalence
MINECO	MINisterio de Economia y COmpetividad (Spain)
MIPS	Mega Instructions Per Second
MIR	Mid InfaRed
MIRD	Mission Implementation Requirements Document
MIS	Metadata Ingestion Service
MKP	Mission Key Point
M/L	Mass-to-Light ratio
ML	Maturity Level (SGS)
ML	Machine Learning
MLA	Multi-Lateral Agreement
MLI	Multi-Layer Insulation
MMF	Matched Multifrequency Filter
MMT	Multi-Mirror Telescope
MMU	Mass-Memory Unit
MOC	Mission Operations Centre
MOC	MOlecular Contamination
MOC	Multi Order Coverage
MOCCB	Mission Operations Configuration Control Board
MOCD-A	Mission Operations Concept Document Part A
MOCD-B	Mission Operations Concept Document Part B
MOCD-C	Mission Operations Concept Document Part C
MOCG	Mission Operations Coordination Group
MOGS	Mission Operations Ground Segment
MOI	Moment Of Inertia
MOND	MOdified Newtonian Dynamics



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MOONS	Multi-Object Optical and Near-infrared Spectrograph for VLT (Instrument for VLT: 2018)
MOS	Margin Of Safety
MOS	Multi-Object Spectrograph
MOS	Metal-Oxyde Silicon
MOSFET	Metal-Oxyde Semiconductor Field-Effect Transistor
MOU	Memorandum Of Understanding
MP	Management Plan
Mpc	Megaparsec
MPA	Max Planck institut Für Astrophysik (Garching, Germany)
MPA	MicroPropulsion Assembly
MPD	Mission Performance Document
MPDR	Mission Preliminary Design Review
MPE	Max Planck institut für Extraterrestrische physik (Garching, Germany)
MPFA	MicroPropulsion Fluidic Assembly
MPHF	Mass Properties History File
MPIA	Max Planck Institut für Astronomie (Heidelberg, Germany)
MPP	Milestone Payment Plan
MPS	Mission Planning System
MPS	Motor Power System
MPS	Micro Propulsion System
MRB	Material Review Board
MRD	Mission Requirements Document
MRR	Mission Requirements Review
MRR	Manufacturing Readiness Review
MRT	Mission Readiness Test
MSE	Mirror Surface Error
MSEWG	Mission System Engineering Working Group
MSRR	Mission System Requirements Review
MSSL	Mullard Space Science Laboratory (UCL, Dorking, UK)
MTBF	Mean Time Before Failure
MTD	Mass and Thermal Dummy
MTF	Modulation Transfer Function
MTL	Mission TimeLine
MTP	Mechanical, Thermal and Propulsion
MTS	Metadata Transfer Service
MUSE	Multi-Unit Spectroscopic Explorer
MW	Milky Way
MWA	Murchison Wide field Array (South Africa)
N/A – NA	Not Applicable
NaN	Not a Number
NAOC	National Astronomical Observatory of China
NAOJ	National Astronomical Observatory of Japan (Japan)



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NASA	National Aeronautics and Space Administration (Washington, DC, USA)
NBI	Niels Bohr Institute (Copenhagen, Denmark)
NC	Non Convolutional
NCR	Non-Conformance Report
NCRB	Non-Conformance Review Board
NCTS	Non-Conformance Tracking System
NDI	Non-Destructive Inspection
NDI	Normalised Detection Irradiance
NDIU	Network Data Interface Unit
NDRO	Non Destructive Readout
NE	Non Evaluated
NED	NASA/IPAC Extragalactic Database
NEP	North Ecliptic Pole
NFW	Navarro Frenk and White
NGP	North Galactic Pole
NH	Normal Hierarchy
NI-	NISP
NI-CFC	NISP Cryo Flexi Cable (NISP)
NI-CMS	NI-CMU Simulator (NISP)
NI-CMT	NI-CMU Test equipment (NISP)
NI-CMU	NISP Compensation Mechanism Unit (NISP)
NI-CSS	NISP Cold Support Structure (NISP)
NI-CU	NISP Calibration Unit (NISP)
NI-CUS	NI-CU Simulator (NISP)
NI-CUT	NI-CU Test equipment (NISP)
NID	NISP Interface Document (NISP)
NI-DCU	NISP Detector Control Unit (NISP)
NI-DDT	NI-DCU Development model and Test equipment (NISP)
NI-DIS	NI-DCU/DPU Test equipment I/F Simulator (NISP)
NI-DIW	NI-DCU/DPU Test equipment Instrument Workstation (NISP)
NI-DPU	NISP Data Processing Unit (NISP)
NI-DS	NISP Detection System (NISP)
NI-DST	NI-DS Test equipment (NISP)
NI-DTE	NI-DCU/DPU Test equipment (NISP)
NI-DTS	NI-DS Thermal control Simulator (NISP)
NI-DTW	NI-DCU/DPU Test equipment control Workstation (NISP)
NI-EWS	NISP EGSE control WorkStation (NISP)
NI-FH	NISP Flight Harness (NISP)
NI-FPA	NISP Focal plane Assembly (NISP)
NI-FPS	NI-FPA Simulator (NISP)
NI-FTT	NI-FPA Thermal control Test equipment (NISP)
NI-FWA	NISP Filter Wheel Assembly (NISP)



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NI-FWA-CR	NISP Filter Wheel Assembly Cryo Mechanism (NISP)
NI-FWS	NI-FWA Simulator (NISP)
NI-FWT	NI-FWA Test equipment (NISP)
NI-GWA	NISP Grism Wheel Assembly (NISP)
NI-GWA-CR	NISP Grism Wheel Assembly Cryo Mechanism (NISP)
NI-GWS	NI-FWA Simulator (NISP)
NI-GWT	NI-GWA Test equipment (NISP)
NI-HSS	NISP HarneSS (NISP)
NI-HSS-IU	NISP Inter Unit Harness (NISP)
NI-HSS-TH	NISP Thermal Harness (NISP)
NI-ICU	NISP Instrument Control Unit (NISP)
NI-IDS	NI-DPU/DCU Interface Simulator (NISP)
NI-ISS	NI-ICU S/C I/F Simulator (NISP)
NI-OA	NISP Optics Assembly (NISP)
NI-OMA	NISP Opto-Mechanical Assembly (NISP)
NI-OMADA	NI-OMA and Detector Assembly (NISP)
NI-OTS	NI-OMA Thermal control Simulator (NISP)
NIP	Near Infrared Photometer (NISP)
NIR	Near InfraRed
NIRDWG	(Euclid) Near Infrared Detector Working Group
NIS	Near Infrared Spectrograph (NISP)
NI-SA	NISP Structure Assembly
NI-SCA	NISP Sensor Chip Assembly (NISP)
NI-SCE	NISP Sensor Chip Electronics (NISP)
NI-SCS	NISP Sensor Chip System (NISP)
NI-SSS	NISP Sidecar Support Structure (NISP)
NISP	Near Infrared Spectrometer and Photometer (NISP)
NISP-P	NISP-Photometric instrument
NISP-S	NISP-Spectrograph instrument
NI-TC	NISP Thermal Control (NISP)
NI-ITE	NI-ICU Test equipment (NISP)
NI-ITW	NI-ICU Test equipment Workstation (NISP)
NI-IWS	NISP Instrument Workstation (NISP)
NI-OMS	NI-OMA Simulator (NISP)
NI-OTS	NI-OMA Thermal control Simulator (NISP)
NI-SIS	NISP S/C I/F Simulator (NISP)
NI-SSS	NI-DS Sidecar Support Structure (NISP)
NI-SST	NI-SCS Test equipment (NISP)
NI-WE	NISP Warm Electronics (NISP)
NI-WIS	NI-WE Test equipment S/C I/F Simulator (NISP)
NI-WIW	NI-WE test equipment Instrument Workstation (NISP)
NI-WTE	NI-WE Test Equipment (NISP)



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NI-WTW	NI-WE Test equipment control Workstation (NISP)
NL	Non-Linear
NL	Non-Linearity (of detectors)
NLA	Non-Linear Alignment model (IA of galaxies)
NOAO	National Optical Astronomy Observatory (Tucson, Arizona, USA)
NOVA	Nederlandse Onderzoeschool Voor Astronomie (The Netherlands)
NPF	Non Pointing Fraction
NPIM	Non-Public Internal Material
NPM	National Project Manager
NRA	NASA Research Announcement
NRB	Non-conformance Review Board
NRC	National Research Council (Canada)
NSA	Nano-SubD Adaptor
NSC	Norwegian Space Center (Norway)
NSF	National Science Foundation (USA)
NSI	National Space Institute (Denmark)
NSSDC	National Space Science Data Center (NASA)
NOW	de Nederlandse organisatie voor Wetenschappelijk Onderzoek (The Netherlands)
OABr	INAF Osservatorio Astronomico di Brera (Milan, Italy)
OAITM	Optical AIT Manager
OAITO	Optical AIT Operator
OAJ	Observatorio Astrofisico de Javalambre (Spain)
OAPd	INAF Osservatorio Astronomico di Padova (Padova, Italy)
OAR	INAF Osservatorio Astronomico di Roma (Rome, Italy)
OAR	Off Axis Rejection
OATo	INAF Osservatorio Astronomico di Torino (Torino, Italy)
OATs	INAF Osservatorio Astronomico di Trieste (Trieste, Italy)
OB	Optical Bench
OBCP	On Board Control Procedure
OBSW	On Board SoftWare
OCA	Observatoire de la Côte d'Azur (Nice, France)
OCD	Operation Concept Document
OCF	Observation Configuration File
OD	Operational Day
OBD	Operation DataBase
OGS	Operations Ground Segment
OGSE	Optical Ground Support Equipment
OGSIR	Operations Ground Segment Implementation Review
OGT	OSS Generation Time
OM	Operation and Maintenance
OM	Operation Model (pipelines)
OPD	Optical Path Difference



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ORB	Orthogonal Recursive Bisection
ORR	Operations Readiness Review
OOL	Out Of Limits
OPD	Optical Path Difference
OS	Observed Survey
OSA	Observed Survey Availability
OSEWG	Operations and System Engineering Working Group
OSS	Operational Sky Survey
OSTM	Optical and Structural and Thermal Model
OT	Operational Temperature
OTE	Optical Telescope Element
OTS	Off-The-Shelf
OTS	See NI-OTS
OU	Organisation Unit (SGS)
OU-EXT	Organisation Unit EXternal data (SGS)
OU-LE3	Organisation Unit LElvel3 data (SGS)
OU-MER	Organisation Unit MERged data (SGS)
OU-NIR	Organisation Unit Near InfraRed imaging data (SGS)
OU-PHZ	Organisation Unit PHoto-Z data (SGS)
OU-SHE	Organisation Unit SHEar data (SGS)
OU-SIM	Organisation Unit SIMulation data (SGS)
OU-SIR	Organisation Unit SPEctral near InfraRed imaging data (SGS)
OU-SPE	Organisation Unit SPEctral extraction and redshift data (SGS)
OU-VIS	Organisation Unit VISible imaging data (SGS)
OWLS	OverWhelmingly Large Aimulations
P3M	Particle-Particle/Particle-Mesh code
P&C	Purity and Completeness
PA	Product Assurance
PAC	PARTiculate Contamination
PAD	Part Approval Document
PAG	Product Assurance Group
PAH	Poly-Aromatic Hydrocarbons
PAM	Product Assurance Manager
Pan-STARRS	Panoramic Survey Telescope and Rapid Response System
PAP	Product Assurance Plan
PA/QA	Product Assurance / Quality Assurance
PARD	Product Assurance Requirement Document
PAS	Product Assurance and Safety
PAU	Physics of the Accelerating Universe
PBH	Primordial Black Hole
PC	Pipeline Configuration
PCA	Principal Component Analysis



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PCB	Printed Circuit Board
PCDU	Power Conditioning and Distribution Unit
PCE	Photon to electron Conversion Efficiency
PCE	Polynomial Chaos Expansion
PD	Phase Diversity
PDC	Phase Diversity Calibration
PDCU	Power Distribution Control Unit
PDD	Parameter Definition Document
PDD	Payload Definition Document
PDD	Product Definition Document
PDD	(Euclid) Project Definition Document
PDF	Probability Density Function
PDF	Probability Distribution Function
PDHU	Processing Data Handling Unit
PDR	Preliminary Design Review
PE	Processing Element (SGS)
PEM	Proximity Electronic Module
PERD	Payload Elements Requirements Document
PF	Processing Function
PFM	Proto-Flight Model
PFS	Prime Focus Spectrograph (on Subaru telescope)
PhBr	Phosphore Bronze
PHZ	Photo-z (Photometric redshift)
PI	Principal Investigator
PIC	Port d'Informacio Cientifica (Barcelona, Spain)
PID	Proportional Integral Derivative
PJF	Parameter Justification File
PE	Processing Element
PF	Processing Function (SGS)
PFCI	Potential Failure Critical Items
PFE	Prime Furnished Equipment
PFM	Proto-Flight Model
PFS	Prime Focus Spectrograph
PGS	Pyrolithic Graphite Straps
PHAT	PHoto-z Accuracy Testing
PHOTO-z	PHOTometric redshift
PK	Power spectrum
PKDGRAV	Parallel K-D tree GRAVity code
P/L	PayLoad
PLM	PayLoad Module
PLM-RD	PayLoad Module Requirements Document
PLS	Partial Least Square (method)



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PM	Particle Mesh
PM	Progress Meeting
PM	Project Manager
PMAR	Preliminary Mission Analysis Review
PMCU	Parameters and Mechanism Control Unit (NISP)
PMCU	Power and Mechanisms Control Unit (VIS)
PMP	Project Management Plan
PMRD	Project Management Requirements Document
PN	Planetary Nebula
PO	Project Office
POI	Planning and Orbit Information
PP	Particle-Particle interactions (simulations)
PPD	Publication Policy Document
PPF	Parameterized Post-Friedmann
PPN	Parameterized Post-Newtonian
PPO	Pipeline Processing Order
PPOD	Predictive Posterior Odds Distribution
PR	Press Release
PRACE	PartneRship for Advanced Computing in Europe
PRM	PRoject Manager
PRNU	Photo Response Non-Uniformity
PRNU	Pixel Response Non-Uniformity
PRR	Preliminary Requirements Review
PRODEX	ESA Programme de Développement d'EXpériences scientifiques
PROM	Programmable Read Only Memory
PRTECH	Prototech (Bergen)
PS	Project Scientist
PS1/2	Pan-STARRS-1, Pan-STARRS-2
PSA	Performed Survey Availability
PSD	Power Spectral Density
PSF	Point Spread Function
PSI	Performed Survey Information
PSR	Pre-Ship Review
PSS	Portable Satellite Simulator
PSU	Power Supply Unit (ROE VIS)
PSZ	Planck Sunyaev-Zeldovich (sources)
PT	Perturbation Theory
PT	Product Tree
PTC	Photon Transfer Curve
PTR	Post Test Review
PUS	Packet Utilization Standard
PV	Performance Verification



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PVPR	Performance Verification Phase Rehearsal
PVRH	Performance Verification ReHearsal
PWM	Pulse With Modulation
Q	Quick (release; Q1 to Q4)
QA	Quality Assurance
QAITM	Quality AIT Manager
QAITO	Quality AIT Operator
QAR	Qualification & Acceptance Review
QC	Quality Control
QCD	Quantum ChromoDynamics
QDR	Quality Document Record
QDT	QLA Diagnostic Tool
QE	Quantum Efficiency
QLA	Quick Look Analysis (SOC, SGS)
QLF	Quasar Luminosity Function
QM	Qualification Model
QMS	Quality Management System
QPF	QLA Processing Framework
QPL	Qualified Parts List
QR	Qualification Review
QSO	Quasi-Stellar Object (quasar)
RA	Right Ascension
RAL	Rutherford Appleton Laboratory (UK)
RAM	Random Access Memory
RAS	Royal Astronomical Society (London, UK)
RASS	ROSAT All Sky Survey
RB	Requirement Baseline
RC	Routine Calibration
RCOP	Routine Calibration Operations Plan
RCP	Routine Calibration Plan
RCS	Reaction Control Subsystem
RCS	Red Cluster Sequence Survey
RD	Reference Document
RE	Radiated Emission
rEE50	50% Encircled Energy radius
rEE80	80% Encircled Energy radius
RELICS	Reionization Lensing Cluster Survey
RF	Radio Frequency
RFA	Request For Approval
RFD	Request For Deviation
RFI	Radio Frequency Interference
RFI	Request For Information



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RFQ	Request For Quotation
RFW	Request For Waiver
RG	Red Grism
RG	Renormalisation Group
RGS	Red GriSm
RGMM	Reduced Geometrical Mathematical Model
RIAR	RSD Ingestion and Analysis Report
RID	Review Item for Discrepancy
RMS	Root Mean Square
RMW	Read Modify Write
ROCKSTAR	Robust Overdensity Calculation using K-Space Topologically Adaptive Refinement
ROE	Read-Out Electronics (VIS)
ROE	Royal Observatory Edinburgh (Edinburgh, UK)
ROI	Region Of Interest
ROIC	ReadOut Integrated Circuit
ROM	Rough Order of Magnitude
RON	ReadOut Noise
ROS	Reference Observation Sequences
ROSA	ROmanian Space Agency (Romania)
RPE	Relative Pointing Error
R-PLM	Reduced PayLoad Module
RPSU	ROE Power Supply Unit (VIS)
RS	Radiated Susceptibility
RSD	Redshift Space Distortion
RSD	Reference Survey Definition
RSDF	Reference Survey Definition File
RSSD	ESA Research and Space Support Department (ESA, ESTEC, Noordwijk, The Netherlands)
RSU	Read-out Shutter Unit (VIS)
RT	Real Time pipeline
RT	Remote Terminal
RT	Room Temperature
RTA	Real Time Analysis
RTA	Real Time Assessment
RTD	Resistance Temperature Device
RTMM	Reduced Thermal Mathematical Model
RuG	Rijkuniversiteit Groningen (Groningen, The Netherlands)
RV	Radial Velocity
RW	Reaction Wheel
SAA	Solar Aspect Angle
SAAV	Solar Aspect Angle Variation
SAID	Science Analysis Implementation Document
SALT	Spectral Adaptive Lightcurve Template (for SNIa)



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SAM	Semi-Analytic Modeling
SAP	Service d'Astrophysique – CEA/IRFU (Saclay, France)
SARD	System AIV Requirements Document
SAS	Science Archive System
SAS	SOC Ancillary Sysetm
SAT	Science Archive Team
S/C	SpaceCraft
SC	Scientific Challenge (SGS)
SC	Steering Committee
SCA	Sensor Chip Assembly (NISP)
SCCI	Spacecraft Constraint and Capability Information
SCE	Sensor Chip Electronic (NISP)
SCET	SpaceCraft Elapsed Time
SCG	Science Coordination Group
SciRD	Science Requirements Document
SCM	Software Configuration Management
SCMP	Software Configuration Management Plan
SCOE	Specific Check Out Equipment
ScOM	Science Operation Manager
SCOMT	Survey and Calibration Operations Mid-term review
SCOS	Satellite Control and Operation System
SCOS	Space Craft Operating System
SCR	Software Change Request
SCR	Survey Change Request
SCS	Sensor Chip System (NISP)
SCS	SOC Commanding System
SD	Savage-Dickey
SDC	Science Data Center (SGS)
SDC-DEV	SDC-DEvelopment (SGS)
SDC-PROD	SDC-PRODUCTION (SGS)
SDD	Software Design Document
SDM	SOC Development Manager
SDR	Software Development Repositories
SDSS	Sloan Digital Sky Survey
SED	Single Event Damage
SED	Spectral Energy Distribution
SEDM	Scientific Exploitation Data Model
SEE	Single Event Effect
SEL	SElection function
SEL	Single Event Latch-up
SEL-2	Sun-Earth Lagrange point 2 (=L2) , Sun-Earth Libration Point
SEMP	System Engineering Management Plan



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SEP	South Ecliptic Pole
SEP	System Engineering Plan
SER	Secrétaire d'Etat à l'Education et à la Recherche (Switzerland)
SERI	State Secretariat of Education, Research and Innovation (Switzerland)
SESO	System,Electrical, SW and Operations
SEU	Single Event Upset
SF	Slew Fraction
SFE	Surface Figure Error
SFR	Star Formation Rate
SFTP	SSH File Transfer Protocol
SG	Science Group
SGP	South Galactic Pole
SGS	Science Ground Segment
SGS-PO	SGS Project Office
SGSS	Science Ground Segment Scientist
SHA	Secure Hash Algorithm (hash file checksum)
SHAM	Sub Halo Abundance Matching
SI	International System of Units (Système International)
SIAM	Spacecraft Instrument Alignment Matrix
SiC	Silicon Carbide
SIDECAR	System for Image Digitization, Enhancement, Control And Retrieval (NISIP)
SIDM	Self-Interacting Dark Matter
SIF	Service InterFace
SIM-SWG	Simulations Science Working Group
SIP	Science Implementation Plan (SGS)
SIR	System Integration Review
SIRD	Science Implementation Requirements Document (SGS)
SIS	Service d'Ingénierie des Systèmes – CEA/IRFU (Saclay, France)
SIS	SOC Interface System
SISSA	Scuola Internazionale Superiore di Studi Avanzati (Trieste, Italy)
SIVVP	Software Integration, Validation and Verification Plan
SKA	Square Kilometre Array
SKILLS	SURFS-based KiDS-Legacy-Like Simulations
SL	Strong Lensing
SL	System Lead
SLI	Single Layer Insulation
SLSNe	Super Luminous SuperNovae
SM	Survey Margin
SMACS	Southern MAssive Cluster Survey
SMBH	Super Massive Black Hole
SME	Surface Mirror Error
SMM	Structural Mathematical Model



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SMP	Science Management Plan
SMT	Surface-Mount Technology
S/N	Signal-to-Noise ratio
SN/SNe	SuperNova/SuperNovae
SNANA	SuperNovae ANALysis software
SNF	Swiss National science Foundation
SNla	Type Ia SuperNova
SNLS	SuperNova Legacy Survey
SNR	Signal to Noise Ratio
SNT	SuperNova and Transients
SO	Simons Observatory
SOC	Science Operation Center (ESA, SGS)
SOC	Statement Of Compliance
SOCD	Science Operations Concept Document (SGS)
SOCST	SOC Scheduling Time
SOD	Science Operation Department
SODD	Science Output Definition Document
SOCST	SOC Scheduling Time
SOIA	Science Operations Implementation Agreement
SOM	Self Organising Map
SOM	Spacecraft Operations Manager
SOPS	Spacecraft OPERATIONs
SOST	Survey Operation Support Team
SOVT	System Operation Verification Test
SOW	Statement Of Work
SP	Standard Project
SPA	Software Product Assurance
SPA	System Performance and AOCS
SPAA	Solar Panel Aspect Angle
SPACE	Spectroscopic All-Sky Cosmic Explorer
SPAP	Software Product Assurance Plan
SPAR	Software Product Assurance Report
SPARC	Scalable Processor ARCHitecture
SPBD	System Performance Budget Document
SPC	Science Programme Committee (ESA)
SPC	Silver Plated Copper
SPCE	Sparse Polynomial Chaos Expansion
SPF	Sky Pointing Fraction
SPH	Smooth-Particle Hydrodynamics
SPHEREx	Spectro-Photometer for the History of the universe, Epoch of Reionization, and ices Explorer
SPI	Serial Peripheral Interface
SPICA	Space Infrared telescope for Cosmology and Astrophysics



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SPL	SpeX Prism Library
SPM	Software Product Manager
SPP	Standard Project Publication
SPR	Science Performance Review
SPR	Software Problem Report
SPSAA	Solar Panel Solar Aspect Angle
SPT	South Pole Telescope
SPT	Standard Perturbation Theory
SPV	Science Performance Verification
SPW	SPace Wire
SQAP	Software Quality Assurance Plan
SQI	Survey Quality Information
SQL	Structured Query Language
SRAM	Static Random Access Memory
SRB	Software Review Board
SRD	Software Requirements Document
SRD	System Requirements Document
SRDB	Satellite Reference DataBase
SRE	ESA Science and Robotic Exploration
SRN	Software Release Note
SRE-O	SRE-Operations department
SSR	Survey Schedule Request
SRR	System Requirements Review
SRR-FD	SRR-Flight Dynamics
SRT	Survey Reaction Time
SSA	SunShield Assembly
SSAC	Space Science Advisory Committee (ESA)
SSC	Sensor System Chip
SSC	Space Science Center (Denmark)
SSC	Super Sample Covariance
SSCDR	Sub System CDR
SSE	Sun-Spacecraft-Earth Angle
SSCE	Sun-Spacecraft Earth angle
SSH	Secure Shell
SSH	Sun Shield
SSH	Sun SHield and Solar Array
SSO	Swiss Space Office
SSR	Scheduled Survey Request / Survey Schedule Request
SST	Stainless Steel
ST	Science Team
ST	System Team
STAR	Special Thanks And Recognition (Euclid Prize)



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STCS	Structure and Thermal Control System
STEP	Shear Testing Programme
STFC	Science and Technology Facilities Council (UK)
STM	Structural & Thermal Model
STOP	Structural-Thermal-Optical Performance
STR	Software Test Report
STR	Star Tracker
STR	System Test Readiness
STRR	System Test Readiness Review
STS	Software Test Specification
SU	Shutter Unit
SUD	Schedule Uplink Data
SUM	Software User Manual
SUMIRE	Subaru Measurement of Images and Redshifts (Instrument for Subaru telescope)
SUNGLASS	Simulated Universes for Gravitational Lensing Analysis and Shear Surveys
SUP	Schedule Uplink Period
SUR	Science User Requirements
SURFS	Synthetic UniverseS For Surveys
SVM	Service Module
SVN	SubVersion (repository)
SVT	System Validation Test
SVT	System Verification Tests
SVVP	System Validation and Verification Plan
STScI	Space Telescope Science Institute (Baltimore, Maryland, USA)
S/W – SW	SoftWare
SWG	Science Working Group
SWG-GAL/AGN	SWG Galaxy and AGN Evolution
SWG-CoSIM/ SWG-CS	SWG Cosmological SIMulations
SWG-CG	SWG Cluster of Galaxies
SWG-CMBX	SWG CMB cross correlation
SWG-GC	SWG Galaxy Clustering
SWG-LU	SWG Local Universe
SWG-MW	SWG Milky Way and resolved stellar populations
SWG-PL	SWG Planets
SWG-PU	SWG Primordial Universe
SWG-SL	SWG Strong Lensing
SWG-SN	SWG SNe and transients
SWG-SSO	SWG Solar System Objects
SWG-WL	SWG Weak Lensing
SWL	Space Wire Link
SX	Space-X



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SZ	Sunyaev-Zeldovich
TA	Telescope Assembly
TAA	Technical Assistance Agreement
TAI	International Atomic Time (Temps Atomique International)
TAITM	Thermal AIT Manager
TAITO	Thermal AIT Operator
TAS	Thales Alenia Space
TAS-I	TAS-Italia
TB	Thermal Balance
TBA	To Be Assigned – To Be Appointed
TBC	To Be Confirmed
TBD	To Be Defined/Determined
TBR	To Be Revised
TBT	Thermal Balance Test
TB/TV	Thermal Balance/Thermal Vacuum
TBV	To Be Verified
TBW	To Be Written
TC	TeleCommand
TCM	Transfer Correction Manoeuvre
TCS	Thermal Control System
TD	Time Domain
TDA	Technology Development Activity
TE	Test Equipment
TEB	Tender Evaluation Board
TEKES	TEknologian ja innovaatioiden KEhittämiskeskus (Helsinki, Finland)
TEMASE	TEmperature Mapping SEnsitivity
TeVS	Tensor Vector Scalar
TF	Task Force
TGSE	Thermal Ground Support Equipment
TH-SWG	Theory Science Working Group
TID	Total Ionising Dose
TIF	Thermal InterFace
TIM	Technical Information Meeting
TIPS	This Is a Pixel Simulator
TIS	Teledyne Imaging Systems
TIS	Teledyne Imaging Sensors
TIS	Total Integrated Scattering
TK	Technical Key point (SGS)
TLM	Telemetry
TM	TeleMetry
TMA	Three Mirrors Anastigmat
TMM	Thermal Mathematical Model



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TMT	Thirty Meter Telescope
TN	Technical Note
TOp	Temperature Operating
ToR	Terms of Reference
TR	software TRansfer phase
TRB	Test Review Board
TRL	Technology Readiness Level
TRP	Temperature Reference Point
TRR	Test Readiness Review
TT	(Euclid) Tiger Team
TT&C	Telemetry and TeleCommand
TT&C	Telemetry, Tracking and Command
TU	True Universe (Euclid simulations)
TV	Thermal Vacuum
TVAC	Thermal VACcum
UAH	University of Alcalá de Henares (Spain)
UC	University of California (California)
UCBL	Université Claude Bernard Lyon 1 (France)
UCD	Ultra-Cool Dwarf (stars)
UCL	University College London (London, UK)
UDF	Ultra-Deep Field
UDM	Unified Dark Matter (quartessence)
UH	University of Helsinki (Helsinki, Finland)
UH	University of Hawaii (Hawaii, USA)
UIO	Universitetet i Oslo (Oslo, Norway)
UKIDS	UKIRT Infrared Deep Sky Survey
UKIDSS-LAS	UKIRT Infrared Deep Sky Survey Large Area Survey
UKIRT	United Kingdom InfraRed Telescope
UKSA	United Kingdom Space Agency (UK)
ULAS	UKIDSS Large Area Survey
UMA	Universidad Autonomia de Madrid (Madrid, Spain)
UML	Unified Modeling Language
UNIONS	Ultraviolet Near Infrared Optical Northern Survey
UoG	University of Geneva (Geneva, Switzerland)
UoT	University of Toronto (Toronto, Canada)
UPCT	Universidad Politécnica de CarTagena - Technical University of Cartagena (Cartagena, Spain)
UPenn	University of Pennsylvania (Philadelphia, Pennsylvania)
UPMC	Université Pierre et Marie Curie (Paris, France)
URD	User Requirements Document
URF	Unit Reference Frame
US	Uploaded Survey
USM	Universitäts-Sternwarte München (München Germany)



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USNO	US Naval Observatory (Washington, DC, USA)
USS	Upper Support Structure (NI-DS, NISP)
UT	Unit Tester
UTR	Up The Ramp Readout (NISP)
UTU	University of Turku (Turku, Finland)
UUT	Unit Under Test
UVic	University of Victoria (Victoria, Canada)
V&V	Validation and Verification, Verification and Validation
V&VP	V&V Plan
VCB	Verification Control Board
VCD	Verification Control Document
VCHS	Visually Clean Highly Sensitive
vDVZ	Van Dam-Veltman-Zakharov
VGS	Verification Ground Support
VI-	VIS
VI-CDPU	VIS Control and Data Processing Unit (VIS)
VI-CU	VIS Calibration Unit (VIS)
VDA	Vapour Deposit Aluminium
VIDEO	VISTA Deep Extragalactic Observatory survey
VI-FPA	VIS Focal Plane Assembly (VIS)
VI-FPA-DP	VIS FPA Detector Panel (VIS)
VI-FPA-ES	VIS FPA Electronic Structure (VIS)
VI-HAR	VIS HARness (VIS)
VI-FH	VIS Flight Harness (VIS)
VIKING	VISTA Kilo degree INfrared Galaxy survey
VIMOS	Visible wide field Imager and Multi-Object Spectrograph
VI-PMCU	VIS Power and Mechanisms Control Unit (VIS)
VIPERS	VIMOS Public Extragalactic Redshift Survey
VIPM	VIS Project Manager (VIS)
VI-RSU	VIS Read-out Shutter Unit (VIS)
VIS	VISible Instrument
VISTA	Visible and Infrared Survey Telescope for Astronomy
VI-SU	VIS Shutter Unit (VIS)
VLA	Very Large Array
VLM	Very Low Mass (star)
VLT	ESO Very Large Telescope
VMPZ	Visibility Mask Photo-Z
VMPZ-ID	Visibility Mask Photo-Z – Internal Data
VMSP	Visibility Mask SPectroscopy
VMSP-ID	Visibility Mask SPectroscopy – Internal Data
VO / VObs	Virtual Observatory
VST	VLT Survey Telescope



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VUDS	VIMOS Ultra Deep Survey
VVDS	VIMOS VLT Deep survey
WA	Worst Average PSF
WAVES	Wide Area Vista Extragalactic Survey
WBS	Work Breakdown Structure
WCA	Worse Case Analysis
WCS	World Coordinate System
WDM	Warm Dark Matter
WE	Warm Electronics
WEAVE	WHT Enhanced Area Velocity Explorer
WFC3	HST Wide Field Camera 3
WFE	Wave Front Error
WFIRST	Wide Field InfraRed Telescope (now Nancy Grace Roman Space Telescope or Roman Space Telescope)
WFS	Wave Front Sensor
WFXT	Wide-Field X-ray Telescope
WG	Working Group
WHT	William Herschel Telescope
WIMP	Weakly Interacting Massive Particle
WISE	Wide field Infrared Survey Explorer
WISHES	Wide Imaging with Subaru HSC of the Euclid Sky
WISP	WFC3 Infrared Spectroscopic Parallel survey
WKB	Wentzel-Kramers-Brillouin
WL	Weak Lensing
WLS	Weak Lensing Survey
WL-SWG	Weak Lensing Science Working Group
WMAP	Wilkinson Microwave-Anisotropy Probe
WMOC	Weighted Multi Order Coverage
WP	Work Package
WPB	Work Package Breakdown
WPBD	Work Package Breakdown and Description
WPD	Work Package Description
WR	Worst Red PSF
WS	Wide Survey
WY	Work Year
XC	Cross-Correlation
XML	eXtensible Markup Language
XMM	X-ray Multi-Mirror Telescope (XMM-Newton)
XSD	XML Schema Definition
XLSSC	XMM Large Scale Structure survey, Clusters of galaxies
ZA	Zel'dovich Approximation
ZEBRA	Zurich Extragalactic Bayesian Redshift Analyser (photometric redshift measurement method)
ZODI	ZODIacal



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ZODI	ZODIacal dust unit
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