

APPENDIX 3. List of Abbreviations

AAT	Anglo-Australian Telescope
AC	Amorphous Carbon
ACAR	Amorphous Carbon produced in pure Ar
AGB	Asymptotic Giant Branch
ALI	Accelerated Lambda Iteration
ALMA	Atacama Large Millimeter Array
AO	Adaptive Optics
AU	Astronomical Unit or Atomic Unit
BAO	Beijing Astronomical Observatory
BD	Brown Dwarf
BIMA	Berkeley-Illinois-Maryland Array
BWO	Backward Wave Oscillator
CAI	Calcium Aluminium-rich Inclusion
CAM	CAMera (ISO)
CFHT	Canada-France-Hawaii Telescope
CI	Carbonaceous chondrite type I or Configuration Interaction
CIA	Collision Induced Absorption
CIAO	Coronagraphic Imager with Adaptive Optics (Subaru)
CM	Center of Mass
CMB	Crossed Molecular Beam or Cosmic Microwave Background
COBE	Cosmic Background Explorer
COMICS	Cooled Mid-Infrared Camera and Spectrometer (Subaru)
CR	Compact Ridge
CRDS	Cavity RingDown Spectroscopy
CRESU	Cinétique de Réaction en Ecoulement Supersonique Uniforme
CSE	CircumStellar Envelope
CSO	Caltech Submillimeter Observatory
cTT	classical T Tauri star
DC	Diffuse Cloud
DDA	Discrete Dipole Approximation
DIB	Diffuse Interstellar Band
DIRBE	Diffuse InfraRed Background Experiment
DR	Dissociative Recombination
ECCM	Equilibrium Cloud Condensation Models
EGP	Extrasolar Giant Planet
ERE	Extended Red Emission
ESA	European Space Agency
ET	Early Time
EURECA	EUropean REtrievable CArrier
FALP (-MS)	Flowing Afterglow Langmuir Probe (-Mass Spectrometer)
FCRAO	Five College Radio Astronomical Observatory
FIRST	Far-Infrared and Submillimeter Space Telescope
FP	Fabry-Perot
FTM	Fourier Transform Microwave
FWHM	Full Width at Half Maximum
GEMS	Glasses with Embedded Metal and Sulfides
GHRS	Goddard High Resolution Spectrograph (HST)

HAC	Hydrogenated Amorphous Carbon
HLC	High Latitude Cloud
HM	High Metal
HMC	Hot Molecular Core
HST	Hubble Space Telescope
ICR	Ion Cyclotron Resonance
IDP	Interplanetary Dust Particle
IRAM	Institut de Radioastronomie Millimétrique
IRAS	InfraRed Astronomical Satellite
IRCS	InfraRed Camera and Spectrograph (Subaru)
IRTF	InfraRed Telescope Facility
IRTS	InfraRed Telescope in Space (Japan)
IS	InterStellar
ISC	InterStellar Cloud
ISO	Infrared Space Observatory
ISM	InterStellar Medium
IUE	International Ultraviolet Explorer
JCMT	James Clerk Maxwell Telescope
KAO	Kuiper Airborne Observatory
KAO	Korea Astronomy Observatory
KBO	Kuiper Belt Object
KI	Kinetic Inhibition
KPNO	Kitt Peak National Observatory
LIF	Laser Induced Fluorescence
LM	Low Metal
LMC	Large Magellanic Cloud
LMSA	Large Millimeter and Submillimeter Array (Japan)
LRS	Low Resolution Spectrometer (IRAS)
LTE	Local Thermodynamic Equilibrium
LWS	Long Wavelength Spectrometer (ISO)
MC	Monte Carlo or Molecular Clouds
MD	Molecular Dynamics
MEM	Maximum Entropy Method
MEP	Mean Escape Probability
MIM	Metal Insulator Metal
ML	MonoLayer
MRN	Mathis-Rumple-Nordsieck
NIR	Near InfraRed
NIST	National Institute for Standards and Technology (USA)
NRAO	National Radio Astronomy Observatory (USA)
NSM	New Standard Model
OPR	Ortho-to-Para Ratio
OR	Organic Refractory
OVRO	Owens Valley Radio Observatory
PAH	Polycyclic Aromatic Hydrocarbon
PdBI	Plateau de Bure Interferometer (IRAM)
PDR	Photo-Dissociation Region or Photon-Dominated Region
PES	Potential Energy Surface
PHOT	PHOTometer (ISO)

PLP	Pulsed Laser Photolysis
PMS	Pre-Main Sequence
PN	Planetary Nebula
PPN	Proto-Planetary Nebula
PV	Position-Velocity
QCC	Quenched Carbonaceous Carbon
QCT	Quasi Classical Trajectory
QSO	Quasi Stellar Object
REMPI	Resonance Enhanced Multi Photon Ionization
ROSAT	RÖntgen SATellite
RP	Resolving Power
SACM	Statistical Adiabatic Channel Method
SCUBA	Submillimeter Common User Bolometer Array (JCMT)
SED	Spectral Energy Distribution
SHARC	Submillimeter High Angular Resolution Camera (CSO)
SIFT	Selected Ion Flow Tube
SIMS	Secondary Ion Mass Spectrometer
SL9	comet Shoemaker-Levy 9
SOFIA	Stratospheric Observatory For Infrared Astronomy
SMA	Smithsonian SubMillimeter Array
SMC	Small Magellanic Cloud
SMM	SubMilliMeter
SMO	Substellar Mass Object
SMOW	Standard Mean Ocean Water
SS	Steady-State
STIS	Space Telescope Imaging Spectrograph (HST)
SWAS	Submillimeter Wave Astronomy Satellite
SWS	Short Wavelength Spectrometer (ISO)
TE	Thermodynamic Equilibrium
TOF	Time Of Flight
TPE	Threshold PhotoElectrons
TT	T Tauri star
UC H II	Ultra-Compact H II region
UHRF	Ultra High Resolution Facility (AAT)
UIB	Unidentified Infrared Band
UIR	Unidentified InfraRed
ULIRG	UltraLuminous InfraRed Galaxy
VBS	Very Broadband Structure
VLA	Very Large Array
VUV	Vacuum UltraViolet
wTT	Weak-line T Tauri star
XDR	X-ray Dominated Region
XMM	X-ray Multi-Mirror Mission
YSO	Young Stellar Object
ZEKE	ZERo Kinetic Energy

Links to the WWW sites of many observatories and their instruments can be found through
 <<http://www.strw.leidenuniv.nl/~iau34>>.

Journal Abbreviations

A&A	Astronomy & Astrophysics
A&AR	Astronomy & Astrophysics Review
A&AS	Astronomy & Astrophysics Supplement
AdSpR	Advances in Space Research
AJ	Astronomical Journal
ARAA	Annual Reviews of Astronomy and Astrophysics
ApJ	Astrophysical Journal
ApJL	Astrophysical Journal Letters
ApJS	Astrophysical Journal Supplement
ASS	Astrophysics and Space Science
BAAS	Bulletin of the American Astronomical Society
CP	Chemical Physics
CPL	Chemical Physics Letters
GRL	Geophysics Research Letters
JCP	Journal of Chemical Physics
JMS	Journal of Molecular Spectroscopy
JPC	Journal of Physical Chemistry
JQSRT	Journal of Quantitative Spectroscopy and Radiative Transfer
MNRAS	Monthly Notices of the Royal Astronomical Society
PASJ	Publications of the Astronomical Society of Japan
PASP	Publications of the Astronomical Society of the Pacific

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