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11. Appendix 1 : LIST OF ABBREVIATIONS

Å	Angstrom
AO	Announcement of Opportunity
ASci	Associated Scientist
BESSY	Berliner Elektronen Speicher Synchrotron
CDS	Coronal Diagnostic Spectrometer on SOHO (our instrument!)
CELIAS	Charge, Element and Isotope Analysis instrument on SOHO
CME	Coronal Mass Ejection
Co-I	Co-Investigator
COSTEP SOHO	Comprehensive Suprathermal and Energetic Particle Analyser on SOHO
<i>d</i>	Grating constant
DEM	Differential Emission Measure
DSN	Deep Space Network
E	East
EAF	Experiment Analysis Facility
EIT	Extreme Ultraviolet Imaging Telescope on SOHO
EOF	Experiment Operations Facility
ERNE	Energetic and Relativistic Nuclei and Electron Experiment on SOHO
ESA	European Space Agency
EUV	Extreme Ultraviolet
<i>f</i>	focal length of telescope
FOT	Flight Operations Team
FOV	Field-of-view
FWHM	Full width at half-maximum
GI	Grazing Incidence
GI	Guest Investigator
GIS	Grazing Incidence Spectrometer
G(T)	Theoretical line emissivity as a function of temperature
GOLF	Global Oscillations at Low Frequencies instrument on SOHO
GSFC	Goddard Space Flight Center
<i>h</i>	Planck constant
HAO	High Altitude Observatory
hr	hour
HRTS	High Resolution Telescope and Spectrograph
HV	High Voltage
I	Intensity
IAS	Institut d'Astrophysique Spatiale
IWS	Instrument Workstation (at the EOF)
JOP	Joint Observing Programme
L1	First Lagrangean Point
LASCO	White Light and Spectrometric Coronagraph on SOHO

MDI	Michelson Doppler Imager on SOHO
MEDOC	Multi-Experiment Data and Operations Centre (Orsay)
min	minute
MPAE	Max-Planck-Institut für Aeronomie
MSSL	Mullard Space Science Laboratory
N	North
NASA	National Aeronautic and Space Administration
N_e	Electron density
NI	Normal Incidence
NIS	Normal Incidence Spectrometer
NRL	Naval Research Laboratory
NRT	Near-Real Time
PI	Principal Investigator
PSF	Point Spread Function
RAL	Rutherford Appleton Laboratory (PI Institute for CDS)
s	Slit width
S	South
S/C	SOHO spacecraft
SCPWG	SOHO Coronal and Particle Working Group
SICWG	SOHO Intercalibration Working Group
SMM	Solar Maximum Mission
SOHO	Solar and Heliospheric Observatory
SUMER	Solar Ultraviolet Measurements of Emitted Radiation on SOHO
SWAN	Solar Wind Anisotropies instrument on SOHO
SWT	Science Working Team (effectively the 12 PIs)
T	Temperature
T_e	Electron temperature
TR	Transition region
UV	Ultraviolet
UVCS	Ultraviolet Coronal Spectrometer on SOHO
VDS	Viewfinder Detector System
VIRGO	Variability of Solar Irradiance and Gravity
W	West
λ	Wavelength
$\phi(T)$	Differential Emission Measure
ν	Frequency

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13. Appendix 3 : CDS PUBLICATIONS

The following is a list of papers which have appeared in the open literature or in conference proceedings, which directly address issues relating to CDS and specifically include references to CDS.

1989 - [1 paper]

Patchett, B.E., Harrison, R.A., Sawyer, E.C. and co-authors: 1989, *CDS - The Coronal Diagnostic Spectrometer for SOHO*, ESA SP-1104, 39.

1990 - [1 paper]

Patchett, B.E., Harrison, R.A. and Sawyer, E.C.: 1990, *The Coronal Diagnostic Spectrometer - A Solar EUV Experiment for SOHO*, J. Brit. Interplanet. Soc. 43, 181-184.

1991 - [6 papers]

Harrison, R.A. and Thompson, A.M.: 1991, *Intensity Integral Inversion Techniques: A Study in Preparation for the SOHO Mission*, RAL Report RAL-91-092.

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McClements, K.G., Harrison, R.A. and Alexander, D.: 1991, *The Detection of Wave Activity in the Solar Corona using UV Line Spectra*, Solar Phys. 131, 41-48.

Patchett, B.E.: 1991, *XUV Observations of the Inner Corona: The Coronal Diagnostic Spectrometer on SOHO*, Adv. Space Res. 11, 1, 369-375.

1992 - [11 papers]

Alexander, D.: 1992, *Bayesian Analysis of SOHO Spectra*, Proc. 1st SOHO Workshop, ESA SP-348, 261-264.

Breeveld, A.A. and Thomas, P.D.: 1992, *The Grazing Incidence Detectors for the SOHO Coronal Diagnostic Spectrometer*, Proc. ESA Symp. on Photon Detectors and Space Instr., ESA SP-356, 237-241.

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Hollandt, J., Kühne, M. and Huber, M.C.E.: 1992, *Radiometric Calibration of Solar Space Telescopes - The Development of a Vacuum-UV Transfer Source Standard*, ESA Bulletin 69.

Kjeldseth-Moe, O.: 1992, *CDS and SUMER Observations of Fine Structure and Dynamics of Loops: Experience from HRTS*, Proc. 1st SOHO Workshop, ESA SP-348, 155-165.

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McCalden, A.J.: 1992, *Data Processing System for Flight Spectrometer*, Proc. ESA Symp. on Photon Detectors and Space Instr., ESA SP-356, 349-352.

Thompson, W.T., Poland, A.I., Sigmund, O.W., Swartz, M., Leviton, D.B. and Payne, L.J.: 1992, *Measurements of an Intensified CCD Detector for the Solar and Heliospheric Observatory*, SPIE Proc. 1743, 464-474.

1993 - [4 papers]

Burgess, A., Mason, H.E. and Tully, J.A.: 1993, *Atomic Data for the SOHO Mission*, Proc. 10th Int'l Colloq. UV and X-ray Spectroscopy of Astrophysical and Laboratory Plasmas, (eds) E. Silver and S. Kahn, Cambridge Univ. Press.

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