

A LIST OF THE VOLUMES

Published
by



THE ASTRONOMICAL SOCIETY OF THE PACIFIC
(ASP)

**An international, nonprofit, scientific and educational organization
founded in 1889**

All book orders or inquiries concerning

**THE ASTRONOMICAL SOCIETY OF THE PACIFIC
CONFERENCE SERIES
(ASP - CS)**

and

**INTERNATIONAL ASTRONOMICAL UNION VOLUMES
(IAU)**

should be directed to the:

The Astronomical Society of the Pacific Conference Series
390 Ashton Avenue
San Francisco CA 94112-1722 USA

Phone: 800-335-2624 (Within USA)
Phone: 415-337-2126
Fax: 415-337-5205

E-mail: service@astrosociety.org
Web Site: <http://www.astrosociety.org>

Complete lists of proceedings of past IAU Meetings are maintained at the
IAU Web site at the URL: <http://www.iau.org/publicat.html>

Volumes 32 - 189 in the IAU Symposia Series may be ordered from:

Kluwer Academic Publishers
P. O. Box 117
NL 3300 AA Dordrecht
The Netherlands

Kluwer@wKap.com

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1988 (* asterisk means OUT OF STOCK)

- Vol. CS -1 **PROGRESS AND OPPORTUNITIES IN SOUTHERN HEMISPHERE
OPTICAL ASTRONOMY: CTIO 25TH Anniversary Symposium**
eds. V. M. Blanco and M. M. Phillips
ISBN 0-937707-18-X
- Vol. CS-2 **PROCEEDINGS OF A WORKSHOP ON OPTICAL SURVEYS FOR QUASARS**
eds. Patrick S. Osmer, Alain C. Porter, Richard F. Green, and Craig B. Foltz
ISBN 0-937707-19-8
- Vol. CS-3 **FIBER OPTICS IN ASTRONOMY**
ed. Samuel C. Barden
ISBN 0-937707-20-1
- Vol. CS-4 **THE EXTRAGALACTIC DISTANCE SCALE:**
Proceedings of the ASP 100th Anniversary Symposium
eds. Sidney van den Bergh and Christopher J. Pritchet
ISBN 0-937707-21-X
- Vol. CS-5 **THE MINNESOTA LECTURES ON CLUSTERS OF GALAXIES
AND LARGE-SCALE STRUCTURE**
ed. John M. Dickey
ISBN 0-937707-22-8

PUBLISHED: 1989

- Vol. CS-6 * **SYNTHESIS IMAGING IN RADIO ASTRONOMY: A Collection of Lectures
from the Third NRAO Synthesis Imaging Summer School**
eds. Richard A. Perley, Frederic R. Schwab, and Alan H. Bridle
ISBN 0-937707-23-6

PUBLISHED: 1990

- Vol. CS-7 **PROPERTIES OF HOT LUMINOUS STARS: Boulder-Munich Workshop**
ed. Catharine D. Garmany
ISBN 0-937707-24-4
- Vol. CS-8 * **CCDs IN ASTRONOMY**
ed. George H. Jacoby
ISBN 0-937707-25-2
- Vol. CS-9 **COOL STARS, STELLAR SYSTEMS, AND THE SUN: Sixth Cambridge Workshop**
ed. George Wallerstein
ISBN 0-937707-27-9
- Vol. CS-10 * **EVOLUTION OF THE UNIVERSE OF GALAXIES:**
Edwin Hubble Centennial Symposium
ed. Richard G. Kron
ISBN 0-937707-28-7
- Vol. CS-11 **CONFRONTATION BETWEEN STELLAR PULSATION AND EVOLUTION**
eds. Carla Cacciari and Gisella Clementini
ISBN 0-937707-30-9
- Vol. CS-12 **THE EVOLUTION OF THE INTERSTELLAR MEDIUM**
ed. Leo Blitz
ISBN 0-937707-31-7

PUBLISHED: 1991

- Vol. CS-13 **THE FORMATION AND EVOLUTION OF STAR CLUSTERS**
ed. Kenneth Janes
ISBN 0-937707-32-5

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1991 (* asterisk means OUT OF STOCK)

- Vol. CS-14 **ASTROPHYSICS WITH INFRARED ARRAYS**
ed. Richard Elston
ISBN 0-937707-33-3
- Vol. CS-15 **LARGE-SCALE STRUCTURES AND PECULIAR MOTIONS IN THE UNIVERSE**
eds. David W. Latham and L. A. Nicolaci da Costa
ISBN 0-937707-34-1
- Vol. CS-16 **Proceedings of the 3rd Haystack Observatory Conference on ATOMS, IONS,
AND MOLECULES: NEW RESULTS IN SPECTRAL LINE ASTROPHYSICS**
eds. Aubrey D. Haschick and Paul T. P. Ho
ISBN 0-937707-35-X
- Vol. CS-17 **LIGHT POLLUTION, RADIO INTERFERENCE, AND SPACE DEBRIS**
ed. David L. Crawford
ISBN 0-937707-36-8
- Vol. CS-18 **THE INTERPRETATION OF MODERN SYNTHESIS OBSERVATIONS
OF SPIRAL GALAXIES**
eds. Nebojsa Duric and Patrick C. Crane
ISBN 0-937707-37-6
- Vol. CS-19 **RADIO INTERFEROMETRY: THEORY, TECHNIQUES, AND APPLICATIONS,
IAU Colloquium 131**
eds. T. J. Cornwell and R. A. Perley
ISBN 0-937707-38-4
- Vol. CS-20 **FRONTIERS OF STELLAR EVOLUTION:
50th Anniversary McDonald Observatory (1939-1989)**
ed. David L. Lambert
ISBN 0-937707-39-2
- Vol. CS-21 **THE SPACE DISTRIBUTION OF QUASARS**
ed. David Crampton
ISBN 0-937707-40-6

PUBLISHED: 1992

- Vol. CS-22 **NONISOTROPIC AND VARIABLE OUTFLOWS FROM STARS**
eds. Laurent Drissen, Claus Leitherer, and Antonella Nota
ISBN 0-937707-41-4
- Vol. CS-23 * **ASTRONOMICAL CCD OBSERVING AND REDUCTION TECHNIQUES**
ed. Steve B. Howell
ISBN 0-937707-42-4
- Vol. CS-24 **COSMOLOGY AND LARGE-SCALE STRUCTURE IN THE UNIVERSE**
ed. Reinaldo R. de Carvalho
ISBN 0-937707-43-0
- Vol. CS-25 **ASTRONOMICAL DATA ANALYSIS, SOFTWARE AND SYSTEMS I - (ADASS I)**
eds. Diana M. Worrall, Chris Biemesderfer, and Jeannette Barnes
ISBN 0-937707-44-9
- Vol. CS-26 **COOL STARS, STELLAR SYSTEMS, AND THE SUN:
Seventh Cambridge Workshop**
eds. Mark S. Giampapa and Jay A. Bookbinder
ISBN 0-937707-45-7
- Vol. CS-27 **THE SOLAR CYCLE: Proceedings of the
National Solar Observatory/Sacramento Peak 12th Summer Workshop**
ed. Karen L. Harvey
ISBN 0-937707-46-5

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1992 (asterisk means OUT OF STOCK)

- Vol. CS-28 **AUTOMATED TELESCOPES FOR PHOTOMETRY AND IMAGING**
eds. Saul J. Adelman, Robert J. Dukes, Jr., and Carol J. Adelman
ISBN 0-937707-47-3
- Vol. CS-29 **Viña del Mar Workshop on CATAclysmic VARIABLE STARS**
ed. Nikolaus Vogt
ISBN 0-937707-48-1
- Vol. CS-30 **VARIABLE STARS AND GALAXIES**
ed. Brian Warner
ISBN 0-937707-49-X
- Vol. CS-31 **RELATIONSHIPS BETWEEN ACTIVE GALACTIC NUCLEI
AND STARBURST GALAXIES**
ed. Alexei V. Filippenko
ISBN 0-937707-50-3
- Vol. CS-32 **COMPLEMENTARY APPROACHES TO DOUBLE
AND MULTIPLE STAR RESEARCH, IAU Colloquium 135**
eds. Harold A. McAlister and William I. Hartkopf
ISBN 0-937707-51-1
- Vol. CS-33 **RESEARCH AMATEUR ASTRONOMY**
ed. Stephen J. Edberg
ISBN 0-937707-52-X
- Vol. CS-34 **ROBOTIC TELESCOPES IN THE 1990's**
ed. Alexei V. Filippenko
ISBN 0-937707-53-8

PUBLISHED: 1993

- Vol. CS-35 * **MASSIVE STARS: THEIR LIVES IN THE INTERSTELLAR MEDIUM**
eds. Joseph P. Cassinelli and Edward B. Churchwell
ISBN 0-937707-54-6
- Vol. CS-36 **PLANETS AROUND PULSARS**
ed. J. A. Phillips, S. E. Thorsett, and S. R. Kulkarni
ISBN 0-937707-55-4
- Vol. CS-37 **FIBER OPTICS IN ASTRONOMY II**
ed. Peter M. Gray
ISBN 0-937707-56-2
- Vol. CS-38 **NEW FRONTIERS IN BINARY STAR RESEARCH: Pacific Rim Colloquium**
eds. K. C. Leung and I.-S. Nha
ISBN 0-937707-57-0
- Vol. CS-39 **THE MINNESOTA LECTURES ON THE STRUCTURE
AND DYNAMICS OF THE MILKY WAY**
ed. Roberta M. Humphreys
ISBN 0-937707-58-9
- Vol. CS-40 **INSIDE THE STARS, IAU Colloquium 137**
eds. Werner W. Weiss and Annie Baglin
ISBN 0-937707-59-7
- Vol. CS-41 **ASTRONOMICAL INFRARED SPECTROSCOPY:
FUTURE OBSERVATIONAL DIRECTIONS**
ed. Sun Kwok
ISBN 0-937707-60-0

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1993 (* asterisk means OUT OF STOCK)

- Vol. CS-42 **GONG 1992: SEISMIC INVESTIGATION OF THE SUN AND STARS**
ed. Timothy M. Brown
ISBN 0-937707-61-9
- Vol. CS-43 **SKY SURVEYS: PROTOSTARS TO PROTOGALAXIES**
ed. B. T. Soifer
ISBN 0-937707-62-7
- Vol. CS-44 **PECULIAR VERSUS NORMAL PHENOMENA IN A-TYPE AND RELATED STARS,**
IAU Colloquium 138
eds. M. M. Dworetzky, F. Castelli, and R. Faraggiana
ISBN 0-937707-63-5
- Vol. CS-45 **LUMINOUS HIGH-LATITUDE STARS**
ed. Dimitar D. Sasselov
ISBN 0-937707-64-3
- Vol. CS-46 **THE MAGNETIC AND VELOCITY FIELDS OF SOLAR ACTIVE REGIONS,**
IAU Colloquium 141
eds. Harold Zirin, Guoxiang Ai, and Haimin Wang
ISBN 0-937707-65-1
- Vol. CS-47 **THIRD DECENNIAL US-USSR CONFERENCE ON SETI --**
Santa Cruz, California, USA
ed. G. Seth Shostak
ISBN 0-937707-66-X
- Vol. CS-48 **THE GLOBULAR CLUSTER-GALAXY CONNECTION**
eds. Graeme H. Smith and Jean P. Brodie
ISBN 0-937707-67-8
- Vol. CS-49 **GALAXY EVOLUTION: THE MILKY WAY PERSPECTIVE**
ed. Steven R. Majewski
ISBN 0-937707-68-6
- Vol. CS-50 **STRUCTURE AND DYNAMICS OF GLOBULAR CLUSTERS**
eds. S. G. Djorgovski and G. Meylan
ISBN 0-937707-69-4
- Vol. CS-51 **OBSERVATIONAL COSMOLOGY**
eds. Guido Chincarini, Angela Iovino, Tommaso Maccacaro, and Dario Maccagni
ISBN 0-937707-70-8
- Vol. CS-52 **ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS II - (ADASS II)**
eds. R. J. Hanisch, R. J. V. Brissenden, and Jeannette Barnes
ISBN 0-937707-71-6
- Vol. CS-53 **BLUE STRAGGLERS**
ed. Rex A. Saffer
ISBN 0-937707-72-4

PUBLISHED: 1994

- Vol. CS-54 **THE FIRST STROMLO SYMPOSIUM: THE PHYSICS OF ACTIVE GALAXIES**
eds. Geoffrey V. Bicknell, Michael A. Dopita, and Peter J. Quinn
ISBN 0-937707-73-2
- Vol. CS-55 **OPTICAL ASTRONOMY FROM THE EARTH AND MOON**
eds. Diane M. Pyper and Ronald J. Angione
ISBN 0-937707-74-0
- Vol. CS-56 * **INTERACTING BINARY STARS**
ed. Allen W. Shafter
ISBN 0-937707-75-9

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1994 (* asterisk means OUT OF STOCK)

- Vol. CS-57 STELLAR AND CIRCUMSTELLAR ASTROPHYSICS
eds. George Wallerstein and Alberto Noriega-Crespo
ISBN 0-937707-76-7
- Vol. CS-58 * THE FIRST SYMPOSIUM ON THE INFRARED CIRRUS
AND DIFFUSE INTERSTELLAR CLOUDS
eds. Roc M. Cutri and William B. Latter
ISBN 0-937707-77-5
- Vol. CS-59 ASTRONOMY WITH MILLIMETER AND SUBMILLIMETER WAVE
INTERFEROMETRY,
IAU Colloquium 140
eds. M. Ishiguro and Wm. J. Welch
ISBN 0-937707-78-3
- Vol. CS-60 THE MK PROCESS AT 50 YEARS: A POWERFUL TOOL FOR ASTROPHYSICAL
INSIGHT, A Workshop of the Vatican Observatory --Tucson, Arizona, USA
eds. C. J. Corbally, R. O. Gray, and R. F. Garrison
ISBN 0-937707-79-1
- Vol. CS-61 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS III - (ADASS III)
eds. Dennis R. Crabtree, R. J. Hanisch, and Jeannette Barnes
ISBN 0-937707-80-5
- Vol. CS-62 THE NATURE AND EVOLUTIONARY STATUS OF HERBIG Ae/Be STARS
eds. Pik Sin Thé, Mario R. Pérez, and Ed P. J. van den Heuvel
ISBN 0-9837707-81-3
- Vol. CS-63 SEVENTY-FIVE YEARS OF HIRAYAMA ASTEROID FAMILIES:
THE ROLE OF COLLISIONS IN THE SOLAR SYSTEM HISTORY
eds. Yoshihide Kozai, Richard P. Binzel, and Tomohiro Hirayama
ISBN 0-937707-82-1
- Vol. CS-64 * COOL STARS, STELLAR SYSTEMS, AND THE SUN:
Eighth Cambridge Workshop
ed. Jean-Pierre Caillault
ISBN 0-937707-83-X
- Vol. CS-65 * CLOUDS, CORES, AND LOW MASS STARS:
The Fourth Haystack Observatory Conference
eds. Dan P. Clemens and Richard Barvainis
ISBN 0-937707-84-8
- Vol. CS-66 * PHYSICS OF THE GASEOUS AND STELLAR DISKS OF THE GALAXY
ed. Ivan R. King
ISBN 0-937707-85-6
- Vol. CS-67 UNVEILING LARGE-SCALE STRUCTURES BEHIND THE MILKY WAY
eds. C. Balkowski and R. C. Kraan-Korteweg
ISBN 0-937707-86-4
- Vol. CS-68 * SOLAR ACTIVE REGION EVOLUTION:
COMPARING MODELS WITH OBSERVATIONS
eds. K. S. Balasubramaniam and George W. Simon
ISBN 0-937707-87-2
- Vol. CS-69 REVERBERATION MAPPING OF THE BROAD-LINE REGION
IN ACTIVE GALACTIC NUCLEI
eds. P. M. Gondhalekar, K. Horne, and B. M. Peterson
ISBN 0-937707-88-0
- Vol. CS-70 * GROUPS OF GALAXIES
eds. Otto-G. Richter and Kirk Borne
ISBN 0-937707-89-9

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1995 (* asterisk means OUT OF STOCK)

- Vol. CS-71 TRIDIMENSIONAL OPTICAL SPECTROSCOPIC METHODS IN ASTROPHYSICS,
IAU Colloquium 149
eds. Georges Comte and Michel Marcellin
ISBN 0-937707-90-2
- Vol. CS-72 MILLISECOND PULSARS: A DECADE OF SURPRISE
eds. A. S. Fruchter, M. Tavani, and D. C. Backer
ISBN 0-937707-91-0
- Vol. CS-73 AIRBORNE ASTRONOMY SYMPOSIUM ON THE GALACTIC ECOSYSTEM:
FROM GAS TO STARS TO DUST
eds. Michael R. Haas, Jacqueline A. Davidson, and Edwin F. Erickson
ISBN 0-937707-92-9
- Vol. CS-74 PROGRESS IN THE SEARCH FOR EXTRATERRESTRIAL LIFE:
1993 Bioastronomy Symposium
ed. G. Seth Shostak
ISBN 0-937707-93-7
- Vol. CS-75 MULTI-FEED SYSTEMS FOR RADIO TELESCOPES
eds. Darrel T. Emerson and John M. Payne
ISBN 0-937707-94-5
- Vol. CS-76 GONG '94: HELIO- AND ASTERO-SEISMOLOGY FROM THE EARTH
AND SPACE
eds. Roger K. Ulrich, Edward J. Rhodes, Jr., and Werner Däppen
ISBN 0-937707-95-3
- Vol. CS-77 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS IV - (ADASS IV)
eds. R. A. Shaw, H. E. Payne, and J. J. E. Hayes
ISBN 0-937707-96-1
- Vol. CS-78 ASTROPHYSICAL APPLICATIONS OF POWERFUL NEW DATABASES:
Joint Discussion No. 16 of the 22nd General Assembly of the IAU
eds. S. J. Adelman and W. L. Wiese
ISBN 0-937707-97-X
- Vol. CS-79 * ROBOTIC TELESCOPES: CURRENT CAPABILITIES, PRESENT
DEVELOPMENTS, AND FUTURE PROSPECTS
FOR AUTOMATED ASTRONOMY
eds. Gregory W. Henry and Joel A. Eaton
ISBN 0-937707-98-8
- Vol. CS-80 * THE PHYSICS OF THE INTERSTELLAR MEDIUM
AND INTERGALACTIC MEDIUM
eds. A. Ferrara, C. F. McKee, C. Heiles, and P. R. Shapiro
ISBN 0-937707-99-6
- Vol. CS-81 LABORATORY AND ASTRONOMICAL HIGH RESOLUTION SPECTRA
eds. A. J. Sauval, R. Blomme, and N. Grevesse
ISBN 1-886733-01-5
- Vol. CS-82 * VERY LONG BASELINE INTERFEROMETRY AND THE VLBA
eds. J. A. Zensus, P. J. Diamond, and P. J. Napier
ISBN 1-886733-02-3
- Vol. CS-83 * ASTROPHYSICAL APPLICATIONS OF STELLAR PULSATION,
IAU Colloquium 155
eds. R. S. Stobie and P. A. Whitelock
ISBN 1-886733-03-1
- ATLAS INFRARED ATLAS OF THE ARCTURUS SPECTRUM, 0.9 - 5.3 μm
eds. Kenneth Hinkle, Lloyd Wallace, and William Livingston
ISBN: 1-886733-04-X

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1995 (* asterisk means OUT OF STOCK)

- Vol. CS-84 THE FUTURE UTILIZATION OF SCHMIDT TELESCOPES, IAU Colloquium 148
eds. Jessica Chapman, Russell Cannon, Sandra Harrison, and Bambang Hidayat
ISBN 1-886733-05-8
- Vol. CS-85 * CAPE WORKSHOP ON MAGNETIC CATAclysmic VARIABLES
eds. D. A. H. Buckley and B. Warner
ISBN 1-886733-06-6
- Vol. CS-86 FRESH VIEWS OF ELLIPTICAL GALAXIES
eds. Alberto Buzzoni, Alvio Renzini, and Alfonso Serrano
ISBN 1-886733-07-4

PUBLISHED: 1996

- Vol. CS-87 NEW OBSERVING MODES FOR THE NEXT CENTURY
eds. Todd Boroson, John Davies, and Ian Robson
ISBN 1-886733-08-2
- Vol. CS-88 * CLUSTERS, LENSING, AND THE FUTURE OF THE UNIVERSE
eds. Virginia Trimble and Andreas Reisenegger
ISBN 1-886733-09-0
- Vol. CS-89 ASTRONOMY EDUCATION: CURRENT DEVELOPMENTS,
FUTURE COORDINATION
ed. John R. Percy
ISBN 1-886733-10-4
- Vol. CS-90 THE ORIGINS, EVOLUTION, AND DESTINIES OF BINARY STARS
IN CLUSTERS
eds. E. F. Milone and J. -C. Mermilliod
ISBN 1-886733-11-2
- Vol. CS-91 BARRED GALAXIES, IAU Colloquium 157
eds. R. Buta, D. A. Crocker, and B. G. Elmegreen
ISBN 1-886733-12-0
- Vol. CS-92 * FORMATION OF THE GALACTIC HALO INSIDE AND OUT
eds. Heather L. Morrison and Ata Sarajedini
ISBN 1-886733-13-9
- Vol. CS-93 RADIO EMISSION FROM THE STARS AND THE SUN
eds. A. R. Taylor and J. M. Paredes
ISBN 1-886733-14-7
- Vol. CS-94 MAPPING, MEASURING, AND MODELING THE UNIVERSE
eds. Peter Coles, Vicent J. Martinez, and Maria-Jesus Pons-Borderia
ISBN 1-886733-15-5
- Vol. CS-95 SOLAR DRIVERS OF INTERPLANETARY AND TERRESTRIAL DISTURBANCES:
Proceedings of 16th International Workshop National Solar
Observatory/Sacramento Peak
eds. K. S. Balasubramaniam, Stephen L. Keil, and Raymond N. Smartt
ISBN 1-886733-16-3
- Vol. CS-96 HYDROGEN-DEFICIENT STARS
eds. C. S. Jeffery and U. Heber
ISBN 1-886733-17-1
- Vol. CS-97 POLARIMETRY OF THE INTERSTELLAR MEDIUM
eds. W. G. Roberge and D. C. B. Whittet
ISBN 1-886733-18-X

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1996 (* asterisk means OUT OF STOCK)

- Vol. CS-98 FROM STARS TO GALAXIES: THE IMPACT OF STELLAR PHYSICS ON GALAXY EVOLUTION
eds. Claus Leitherer, Uta Fritze-von Alvensleben, and John Huchra
ISBN 1-886733-19-8
- Vol. CS-99 COSMIC ABUNDANCES:
Proceedings of the 6th Annual October Astrophysics Conference
eds. Stephen S. Holt and George Sonneborn
ISBN 1-886733-20-1
- Vol. CS-100 ENERGY TRANSPORT IN RADIO GALAXIES AND QUASARS
eds. P. E. Hardee, A. H. Bridle, and J. A. Zensus
ISBN 1-886733-21-X
- Vol. CS-101 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS V – (ADASS V)
eds. George H. Jacoby and Jeannette Barnes
ISBN 1080-7926
- Vol. CS-102 THE GALACTIC CENTER, 4th ESO/CTIO Workshop
ed. Roland Gredel
ISBN 1-886733-22-8
- Vol. CS-103 THE PHYSICS OF LINERS IN VIEW OF RECENT OBSERVATIONS
eds. M. Eracleous, A. Koratkar, C. Leitherer, and L. Ho
ISBN 1-886733-23-6
- Vol. CS-104 PHYSICS, CHEMISTRY, AND DYNAMICS OF INTERPLANETARY DUST,
IAU Colloquium 150
eds. Bo Å. S. Gustafson and Martha S. Hanner
ISBN 1-886733-24-4
- Vol. CS-105 PULSARS: PROBLEMS AND PROGRESS, IAU Colloquium 160
ed. S. Johnston, M. A. Walker, and M. Bailes
ISBN 1-886733-25-2
- Vol. CS-106 THE MINNESOTA LECTURES ON EXTRAGALACTIC NEUTRAL HYDROGEN
ed. Evan D. Skillman
ISBN 1-886733-26-0
- Vol. CS-107 COMPLETING THE INVENTORY OF THE SOLAR SYSTEM:
A Symposium held in conjunction with the 106th Annual Meeting of the ASP
eds. Terrence W. Rettig and Joseph M. Hahn
ISBN 1-886733-27-9
- Vol. CS-108 M.A.S.S. -- MODEL ATMOSPHERES AND SPECTRUM SYNTHESIS:
5th Vienna - Workshop
eds. Saul J. Adelman, Friedrich Kupka, and Werner W. Weiss
ISBN 1-886733-28-7
- Vol. CS-109 COOL STARS, STELLAR SYSTEMS, AND THE SUN: Ninth Cambridge Workshop
eds. Roberto Pallavicini and Andrea K. Dupree
ISBN 1-886733-29-5
- Vol. CS-110 BLAZAR CONTINUUM VARIABILITY
eds. H. R. Miller, J. R. Webb, and J. C. Noble
ISBN 1-886733-30-9
- Vol. CS-111 MAGNETIC RECONNECTION IN THE SOLAR ATMOSPHERE:
Proceedings of a Yohkoh Conference
eds. R. D. Bentley and J. T. Mariska
ISBN 1-886733-31-7

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1996 (* asterisk means OUT OF STOCK)

- Vol. CS-112 THE HISTORY OF THE MILKY WAY AND ITS SATELLITE SYSTEM
eds. Andreas Burkert, Dieter H. Hartmann, and Steven R. Majewski
ISBN 1-886733-32-5

PUBLISHED: 1997

- Vol. CS-113 EMISSION LINES IN ACTIVE GALAXIES: NEW METHODS AND TECHNIQUES,
IAU Colloquium 159
eds. B. M. Peterson, F.-Z. Cheng, and A. S. Wilson
ISBN 1-886733-33-3
- Vol. CS-114 YOUNG GALAXIES AND QSO ABSORPTION-LINE SYSTEMS
eds. Sueli M. Viegas, Ruth Gruenwald, and Reinaldo R. de Carvalho
ISBN 1-886733-34-1
- Vol. CS-115 GALACTIC CLUSTER COOLING FLOWS
ed. Noam Soker
ISBN 1-886733-35-X
- Vol. CS-116 THE SECOND STROMLO SYMPOSIUM:
THE NATURE OF ELLIPTICAL GALAXIES
eds. M. Arnaboldi, G. S. Da Costa, and P. Saha
ISBN 1-886733-36-8
- Vol. CS-117 DARK AND VISIBLE MATTER IN GALAXIES
eds. Massimo Persic and Paolo Salucci
ISBN 1-886733-37-6
- Vol. CS-118 FIRST ADVANCES IN SOLAR PHYSICS EUROCONFERENCE:
ADVANCES IN THE PHYSICS OF SUNSPOTS
eds. B. Schmieder, J. C. del Toro Iniesta, and M. Vázquez
ISBN 1-886733-38-4
- Vol. CS-119 PLANETS BEYOND THE SOLAR SYSTEM
AND THE NEXT GENERATION OF SPACE MISSIONS
ed. David R. Soderblom
ISBN 1-886733-39-2
- Vol. CS-120 LUMINOUS BLUE VARIABLES: MASSIVE STARS IN TRANSITION
eds. Antonella Nota and Henry J. G. L. M. Lamers
ISBN 1-886733-40-6
- Vol. CS-121 ACCRETION PHENOMENA AND RELATED OUTFLOWS, IAU Colloquium 163
eds. D. T. Wickramasinghe, G. V. Bicknell, and L. Ferrario
ISBN 1-886733-41-4
- Vol. CS-122 FROM STARDUST TO PLANETESIMALS:
Symposium held as part of the 108th Annual Meeting of the ASP
eds. Yvonne J. Pendleton and A. G. G. M. Tielens
ISBN 1-886733-42-2
- Vol. CS-123 THE 12th 'KINGSTON MEETING': COMPUTATIONAL ASTROPHYSICS
eds. David A. Clarke and Michael J. West
ISBN 1-886733-43-0
- Vol. CS-124 DIFFUSE INFRARED RADIATION AND THE IRTS
eds. Haruyuki Okuda, Toshio Matsumoto, and Thomas Roellig
ISBN 1-886733-44-9
- Vol. CS-125 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS VI
eds. Gareth Hunt and H. E. Payne
ISBN 1-886733-45-7

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1997 (* asterisk means OUT OF STOCK)

- Vol. CS-126 FROM QUANTUM FLUCTUATIONS TO COSMOLOGICAL STRUCTURES
eds. David Valls-Gabaud, Martin A. Hendry, Paolo Molaro, and Khalil Chamcham
ISBN 1-886733-46-5
- Vol. CS-127 PROPER MOTIONS AND GALACTIC ASTRONOMY
ed. Roberta M. Humphreys
ISBN 1-886733-47-3
- Vol. CS-128 MASS EJECTION FROM AGN (*Active Galactic Nuclei*)
eds. N. Arav, I. Shlosman, and R. J. Weymann
ISBN 1-886733-48-1
- Vol. CS-129 THE GEORGE GAMOW SYMPOSIUM
eds. E. Harper, W. C. Parke, and G. D. Anderson
ISBN 1-886733-49-X
- Vol. CS-130 THE THIRD PACIFIC RIM CONFERENCE ON
RECENT DEVELOPMENT ON BINARY STAR RESEARCH
eds. Kam-Ching Leung
ISBN 1-886733-50-3

PUBLISHED: 1998

- Vol. CS-131 BOULDER-MUNICH II: PROPERTIES OF HOT, LUMINOUS STARS
ed. Ian D. Howarth
ISBN 1-886733-51-1
- Vol. CS-132 STAR FORMATION WITH THE INFRARED SPACE OBSERVATORY (ISO)
eds. João L. Yun and René Liseau
ISBN 1-886733-52-X
- Vol. CS-133 SCIENCE WITH THE NGST (Next Generation Space Telescope)
eds. Eric P. Smith and Anuradha Koratkar
ISBN 1-886733-53-8
- Vol. CS-134 BROWN DWARFS AND EXTRASOLAR PLANETS
eds. Rafael Rebolo, Eduardo L. Martin, and Maria Rosa Zapatero Osorio
ISBN 1-886733-54-6
- Vol. CS-135 A HALF CENTURY OF STELLAR PULSATION INTERPRETATIONS:
A TRIBUTE TO ARTHUR N. COX
eds. P. A. Bradley and J. A. Guzik
ISBN 1-886733-55-4
- Vol. CS-136 GALACTIC HALOS: A UC SANTA CRUZ WORKSHOP
ed. Dennis Zaritsky
ISBN 1-886733-56-2
- Vol. CS-137 WILD STARS IN THE OLD WEST: PROCEEDINGS OF THE 13th NORTH
AMERICAN WORKSHOP ON CATAclysmic VARIABLES
AND RELATED OBJECTS
eds. S. Howell, E. Kuulkers, and C. Woodward
ISBN 1-886733-57-0
- Vol. CS-138 1997 PACIFIC RIM CONFERENCE ON STELLAR ASTROPHYSICS
eds. Kwing Lam Chan, K. S. Cheng, and H. P. Singh
ISBN 1-886733-58-9
- Vol. CS-139 PRESERVING THE ASTRONOMICAL WINDOWS:
Proceedings of Joint Discussion No. 5 of the 23rd General Assembly of the IAU
eds. Syuzo Isobe and Tomohiro Hirayama
ISBN 1-886733-59-7

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1998 (* asterisk means OUT OF STOCK)

- Vol. CS-140 **SYNOPTIC SOLAR PHYSICS --18th NSO/Sacramento Peak Summer Workshop**
eds. K. S. Balasubramaniam, J. W. Harvey, and D. M. Rabin
ISBN 1-886733-60-0
- Vol. CS-141 **ASTROPHYSICS FROM ANTARCTICA:**
A Symposium held as a part of the 109th Annual Meeting of the ASP
eds. Giles Novak and Randall H. Landsberg
ISBN 1-886733-61-9
- Vol. CS-142 **THE STELLAR INITIAL MASS FUNCTION: 38th Herstmonceux Conference**
eds. Gerry Gilmore and Debbie Howell
ISBN 1-886733-62-7
- Vol. CS-143 * **THE SCIENTIFIC IMPACT OF THE GODDARD HIGH RESOLUTION SPECTROGRAPH (GHRS)**
eds. John C. Brandt, Thomas B. Ake III, and Carolyn Collins Petersen
ISBN 1-886733-63-5
- Vol. CS-144 **RADIO EMISSION FROM GALACTIC AND EXTRAGALACTIC COMPACT SOURCES, IAU Colloquium 164**
eds. J. Anton Zensus, G. B. Taylor, and J. M. Wrobel
ISBN 1-886733-64-3
- Vol. CS-145 **ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS VII – (ADASS VII)**
eds. Rudolf Albrecht, Richard N. Hook, and Howard A. Bushouse
ISBN 1-886733-65-1
- Vol. CS-146 **THE YOUNG UNIVERSE GALAXY FORMATION AND EVOLUTION AT INTERMEDIATE AND HIGH REDSHIFT**
eds. S. D'Odorico, A. Fontana, and E. Giallongo
ISBN 1-886733-66-X
- Vol. CS-147 **ABUNDANCE PROFILES: DIAGNOSTIC TOOLS FOR GALAXY HISTORY**
eds. Daniel Friedli, Mike Edmunds, Carmelle Robert, and Laurent Drissen
ISBN 1-886733-67-8
- Vol. CS-148 **ORIGINS**
eds. Charles E. Woodward, J. Michael Shull, and Harley A. Thronson, Jr.
ISBN 1-886733-68-6
- Vol. CS-149 **SOLAR SYSTEM FORMATION AND EVOLUTION**
eds. D. Lazzaro, R. Vieira Martins, S. Ferraz-Mello, J. Fernández, and C. Beaugé
ISBN 1-886733-69-4
- Vol. CS-150 **NEW PERSPECTIVES ON SOLAR PROMINENCES, IAU Colloquium 167**
eds. David Webb, David Rust, and Brigitte Schmieder
ISBN 1-886733-70-8
- Vol. CS-151 **COSMIC MICROWAVE BACKGROUND AND LARGE SCALE STRUCTURES OF THE UNIVERSE**
eds. Yong-ik Byun and Kin-Wang Ng
ISBN 1-886733-71-6
- Vol. CS-152 **FIBER OPTICS IN ASTRONOMY III**
eds. S. Arribas, E. Mediavilla, and F. Watson
ISBN 1-886733-72-4
- Vol. CS-153 **LIBRARY AND INFORMATION SERVICES IN ASTRONOMY III -- (LISA III)**
eds. Uta Grothkopf, Heinz Andernach, Sarah Stevens-Rayburn, and Monique Gomez
ISBN 1-886733-73-2

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1998 (* asterisk means OUT OF STOCK)

- Vol. CS-154 COOL STARS, STELLAR SYSTEMS AND THE SUN: Tenth Cambridge Workshop
eds. Robert A. Donahue and Jay A. Bookbinder
ISBN 1-886733-74-0
- Vol. CS-155 SECOND ADVANCES IN SOLAR PHYSICS EUROCONFERENCE:
THREE-DIMENSIONAL STRUCTURE OF SOLAR ACTIVE REGIONS
eds. Costas E. Alissandrakis and Brigitte Schmieder
ISBN 1-886733-75-9

PUBLISHED: 1999

- Vol. CS-156 HIGHLY REDSHIFTED RADIO LINES
eds. C. L. Carilli, S. J. E. Radford, K. M. Menten, and G. I. Langston
ISBN 1-886733-76-7
- Vol. CS-157 ANNAPOLIS WORKSHOP ON MAGNETIC CATAclysmic VARIABLES
eds. Coel Hellier and Koji Mukai
ISBN 1-886733-77-5
- Vol. CS-158 SOLAR AND STELLAR ACTIVITY: SIMILARITIES AND DIFFERENCES
eds. C. J. Butler and J. G. Doyle
ISBN 1-886733-78-3
- Vol. CS-159 BL LAC PHENOMENON
eds. Leo O. Takalo and Aimo Sillanpää
ISBN 1-886733-79-1
- Vol. CS-160 ASTROPHYSICAL DISCS: An EC Summer School
eds. J. A. Sellwood and Jeremy Goodman
ISBN 1-886733-80-5
- Vol. CS-161 HIGH ENERGY PROCESSES IN ACCRETING BLACK HOLES
eds. Juri Poutanen and Roland Svensson
ISBN 1-886733-81-3
- Vol. CS-162 QUASARS AND COSMOLOGY
eds. Gary Ferland and Jack Baldwin
ISBN 1-886733-83-X
- Vol. CS-163 STAR FORMATION IN EARLY-TYPE GALAXIES
eds. Jordi Cepa and Patricia Carral
ISBN 1-886733-84-8
- Vol. CS-164 ULTRAVIOLET–OPTICAL SPACE ASTRONOMY BEYOND HST
eds. Jon A. Morse, J. Michael Shull, and Anne L. Kinney
ISBN 1-886733-85-6
- Vol. CS-165 THE THIRD STROMLO SYMPOSIUM: THE GALACTIC HALO
eds. Brad K. Gibson, Tim S. Axelrod, and Mary E. Putman
ISBN 1-886733-86-4
- Vol. CS-166 STROMLO WORKSHOP ON HIGH-VELOCITY CLOUDS
eds. Brad K. Gibson and Mary E. Putman
ISBN 1-886733-87-2
- Vol. CS-167 HARMONIZING COSMIC DISTANCE SCALES IN A POST-HIPPARCOS ERA
eds. Daniel Egret and André Heck
ISBN 1-886733-88-0
- Vol. CS-168 NEW PERSPECTIVES ON THE INTERSTELLAR MEDIUM
eds. A. R. Taylor, T. L. Landecker, and G. Joncas
ISBN 1-886733-89-9

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1999 (* asterisk means OUT OF STOCK)

- Vol. CS-169 11th EUROPEAN WORKSHOP ON WHITE DWARFS
eds. J.-E. Solheim and E. G. Meistas
ISBN 1-886733-91-0
- Vol. CS-170 THE LOW SURFACE BRIGHTNESS UNIVERSE, IAU Colloquium 171
eds. J. I. Davies, C. Impey, and S. Philipps
ISBN 1-886733-92-9
- Vol. CS-171 LiBeB, COSMIC RAYS, AND RELATED X- AND GAMMA-RAYS
eds. Reuven Ramaty, Elisabeth Vangioni-Flam, Michel Cassé, and Keith Olive
ISBN 1-886733-93-7
- Vol. CS-172 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS VIII
eds. David M. Mehringer, Raymond L. Plante, and Douglas A. Roberts
ISBN 1-886733-94-5
- Vol. CS-173 THEORY AND TESTS OF CONVECTION IN STELLAR STRUCTURE:
First Granada Workshop
ed. Álvaro Giménez, Edward F. Guinan, and Benjamín Montesinos
ISBN 1-886733-95-3
- Vol. CS-174 CATCHING THE PERFECT WAVE: ADAPTIVE OPTICS AND
INTERFEROMETRY IN THE 21st CENTURY,
A Symposium held as a part of the 110th Annual Meeting of the ASP
eds. Sergio R. Restaino, William Junor, and Nebojsa Duric
ISBN 1-886733-96-1
- Vol. CS-175 STRUCTURE AND KINEMATICS OF QUASAR BROAD LINE REGIONS
eds. C. M. Gaskell, W. N. Brandt, M. Dietrich, D. Dultzin-Hacyan,
and M. Eracleous
ISBN 1-886733-97-X
- Vol. CS-176 OBSERVATIONAL COSMOLOGY: THE DEVELOPMENT OF GALAXY SYSTEMS
eds. Giuliano Giuricin, Marino Mezzetti, and Paolo Salucci
ISBN 1-58381-000-5
- Vol. CS-177 ASTROPHYSICS WITH INFRARED SURVEYS: A Prelude to SIRTf
eds. Michael D. Bica, Chas A. Beichman, Roc M. Cutri, and Barry F. Madore
ISBN 1-58381-001-3
- Vol. CS-178 STELLAR DYNAMOS: NONLINEARITY AND CHAOTIC FLOWS
eds. Manuel Núñez and Antonio Ferriz-Mas
ISBN 1-58381-002-1
- Vol. CS-179 ETA CARINAE AT THE MILLENNIUM
eds. Jon A. Morse, Roberta M. Humphreys, and Augusto Damineli
ISBN 1-58381-003-X
- Vol. CS-180 SYNTHESIS IMAGING IN RADIO ASTRONOMY II
eds. G. B. Taylor, C. L. Carilli, and R. A. Perley
ISBN 1-58381-005-6
- Vol. CS-181 MICROWAVE FOREGROUNDS
eds. Angelica de Oliveira-Costa and Max Tegmark
ISBN 1-58381-006-4
- Vol. CS-182 GALAXY DYNAMICS: A Rutgers Symposium
eds. David Merritt, J. A. Sellwood, and Monica Valluri
ISBN 1-58381-007-2
- Vol. CS-183 HIGH RESOLUTION SOLAR PHYSICS: THEORY, OBSERVATIONS,
AND TECHNIQUES
eds. T. R. Rimmele, K. S. Balasubramaniam, and R. R. Radick
ISBN 1-58381-009-9

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1999 (* asterisk means OUT OF STOCK)

- Vol. CS-184 **THIRD ADVANCES IN SOLAR PHYSICS EUROCONFERENCE:
MAGNETIC FIELDS AND OSCILLATIONS**
eds. B. Schmieder, A. Hofmann, and J. Staude
ISBN 1-58381-010-2
- Vol. CS-185 **PRECISE STELLAR RADIAL VELOCITIES, IAU Colloquium 170**
eds. J. B. Hearnshaw and C. D. Scarfe
ISBN 1-58381-011-0
- Vol. CS-186 **THE CENTRAL PARSECS OF THE GALAXY**
eds. Heino Falcke, Angela Coter, Wolfgang J. Duschl, Fulvio Melia,
and Marcia J. Rieke
ISBN 1-58381-012-9
- Vol. CS-187 **THE EVOLUTION OF GALAXIES ON COSMOLOGICAL TIMESCALES**
eds. J. E. Beckman and T. J. Mahoney
ISBN 1-58381-013-7
- Vol. CS-188 **OPTICAL AND INFRARED SPECTROSCOPY OF CIRCUMSTELLAR MATTER**
eds. Eike W. Guenther, Bringfried Stecklum, and Sylvio Klose
ISBN 1-58381-014-5
- Vol. CS-189 **CCD PRECISION PHOTOMETRY WORKSHOP**
eds. Eric R. Craine, Roy A. Tucker, and Jeannette Barnes
ISBN 1-58381-015-3
- Vol. CS-190 **GAMMA-RAY BURSTS: THE FIRST THREE MINUTES**
eds. Juri Poutanen and Roland Svensson
ISBN 1-58381-016-1
- Vol. CS-191 **PHOTOMETRIC REDSHIFTS AND HIGH REDSHIFT GALAXIES**
eds. Ray J. Weymann, Lisa J. Storrie-Lombardi, Marcin Sawicki,
and Robert J. Brunner
ISBN 1-58381-017-X
- Vol. CS-192 **SPECTROPHOTOMETRIC DATING OF STARS AND GALAXIES**
ed. I. Hubeny, S. R. Heap, and R. H. Cornett
ISBN 1-58381-018-8
- Vol. CS-193 **THE HY-REDSHIFT UNIVERSE:
GALAXY FORMATION AND EVOLUTION AT HIGH REDSHIFT**
eds. Andrew J. Bunker and Wil J. M. van Breugel
ISBN 1-58381-019-6
- Vol. CS-194 **WORKING ON THE FRINGE:
OPTICAL AND IR INTERFEROMETRY FROM GROUND AND SPACE**
eds. Stephen Unwin and Robert Stachnik
ISBN 1-58381-020-X

PUBLISHED: 2000

- Vol. CS-195 **IMAGING THE UNIVERSE IN THREE DIMENSIONS:
Astrophysics with Advanced Multi-Wavelength Imaging Devices**
eds. W. van Breugel and J. Bland-Hawthorn
ISBN 1-58381-022-6
- Vol. CS-196 **THERMAL EMISSION SPECTROSCOPY AND ANALYSIS OF DUST,
DISKS, AND REGOLITHS**
eds. Michael L. Sitko, Ann L. Sprague, and David K. Lynch
ISBN: 1-58381-023-4
- Vol. CS-197 **XVth IAP MEETING DYNAMICS OF GALAXIES:
FROM THE EARLY UNIVERSE TO THE PRESENT**
eds. F. Combes, G. A. Mamon, and V. Charmandaris
ISBN: 1-58381-24-2

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2000 (* asterisk means OUT OF STOCK)

- Vol. CS-198 EUROCONFERENCE ON "STELLAR CLUSTERS AND ASSOCIATIONS: CONVECTION, ROTATION, AND DYNAMOS"
eds. R. Pallavicini, G. Micela, and S. Sciortino
ISBN: 1-58381-25-0
- Vol. CS-199 ASYMMETRICAL PLANETARY NEBULAE II: FROM ORIGINS TO MICROSTRUCTURES
eds. J. H. Kastner, N. Soker, and S. Rappaport
ISBN: 1-58381-026-9
- Vol. CS-200 CLUSTERING AT HIGH REDSHIFT
eds. A. Mazure, O. Le Fèvre, and V. Le Brun
ISBN: 1-58381-027-7
- Vol. CS-201 COSMIC FLOWS 1999: TOWARDS AN UNDERSTANDING OF LARGE-SCALE STRUCTURES
eds. Stéphane Courteau, Michael A. Strauss, and Jeffrey A. Willick
ISBN: 1-58381-028-5
- Vol. CS-202 * PULSAR ASTRONOMY – 2000 AND BEYOND, IAU Colloquium 177
eds. M. Kramer, N. Wex, and R. Wielebinski
ISBN: 1-58381-029-3
- Vol. CS-203 THE IMPACT OF LARGE-SCALE SURVEYS ON PULSATING STAR RESEARCH, IAU Colloquium 176
eds. L. Szabados and D. W. Kurtz
ISBN: 1-58381-030-7
- Vol. CS-204 THERMAL AND IONIZATION ASPECTS OF FLOWS FROM HOT STARS: OBSERVATIONS AND THEORY
eds. Henny J. G. L. M. Lamers and Arved Sapar
ISBN: 1-58381-031-5
- Vol. CS-205 THE LAST TOTAL SOLAR ECLIPSE OF THE MILLENNIUM IN TURKEY
eds. W. C. Livingston and A. Özgüç
ISBN: 1-58381-032-3
- Vol. CS-206 HIGH ENERGY SOLAR PHYSICS – *ANTICIPATING HESSI*
eds. Reuven Ramaty and Natalie Mandzhavidze
ISBN: 1-58381-033-1
- Vol. CS-207 NGST SCIENCE AND TECHNOLOGY EXPOSITION
eds. Eric P. Smith and Knox S. Long
ISBN: 1-58381-036-6
- ATLAS VISIBLE AND NEAR INFRARED ATLAS OF THE ARCTURUS SPECTRUM 3727-9300 Å
eds. Kenneth Hinkle, Lloyd Wallace, Jeff Valenti, and Dianne Harmer
ISBN: 1-58381-037-4
- Vol. CS-208 POLAR MOTION: HISTORICAL AND SCIENTIFIC PROBLEMS, IAU Colloquium 178
eds. Steven Dick, Dennis McCarthy, and Brian Luzum
ISBN: 1-58381-039-0
- Vol. CS-209 SMALL GALAXY GROUPS, IAU Colloquium 174
eds. Mauri J. Valtonen and Chris Flynn
ISBN: 1-58381-040-4
- Vol. CS-210 DELTA SCUTI AND RELATED STARS: Reference Handbook and Proceedings of the 6th Vienna Workshop in Astrophysics
eds. Michel Breger and Michael Houston Montgomery
ISBN: 1-58381-043-9

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2000 (* asterisk means OUT OF STOCK)

- Vol. CS-211 **MASSIVE STELLAR CLUSTERS**
eds. Ariane Lançon and Christian M. Boily
ISBN: 1-58381-042-0
- Vol. CS-212 **FROM GIANT PLANETS TO COOL STARS**
eds. Caitlin A. Griffith and Mark S. Marley
ISBN: 1-58381-041-2
- Vol. CS-213 **BIOASTRONOMY '99: A NEW ERA IN BIOASTRONOMY**
eds. Guillermo A. Lemarchand and Karen J. Meech
ISBN: 1-58381-044-7
- Vol. CS-214 **THE Be PHENOMENON IN EARLY-TYPE STARS, IAU Colloquium 175**
eds. Myron A. Smith, Huib F. Henrichs and Juan Fabregat
ISBN: 1-58381-045-5
- Vol. CS-215 **COSMIC EVOLUTION AND GALAXY FORMATION:
STRUCTURE, INTERACTIONS AND FEEDBACK**
The 3rd Guillermo Haro Astrophysics Conference
eds. José Franco, Elena Terlevich, Omar López-Cruz, and Itziar Aretxaga
ISBN: 1-58381-046-3
- Vol. CS-216 **ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS IX**
eds. Nadine Manset, Christian Veillet, and Dennis Crabtree
ISBN: 1-58381-047-1 ISSN: 1080-7926
- Vol. CS-217 **IMAGING AT RADIO THROUGH SUBMILLIMETER WAVELENGTHS**
eds. Jeffrey G. Mangum and Simon J. E. Radford
ISBN: 1-58381-049-8
- Vol. CS-218 **MAPPING THE HIDDEN UNIVERSE: THE UNIVERSE BEHIND THE MILKY WAY
THE UNIVERSE IN HI**
eds. Renée C. Kraan-Korteweg, Patricia A. Henning, and Heinz Andernach
ISBN: 1-58381-050-1
- Vol. CS-219 **DISKS, PLANETESIMALS, AND PLANETS**
eds. F. Garzón, C. Eiroa, D. de Winter, and T. J. Mahoney
ISBN: 1-58381-051-X
- Vol. CS-220 **AMATEUR - PROFESSIONAL PARTNERSHIPS IN ASTRONOMY:
The 111th Annual Meeting of the ASP**
eds. John R. Percy and Joseph B. Wilson
ISBN: 1-58381-052-8
- Vol. CS-221 **STARS, GAS AND DUST IN GALAXIES: EXPLORING THE LINKS**
eds. Danielle Alloin, Knut Olsen, and Gaspar Galaz
ISBN: 1-58381-053-6

PUBLISHED: 2001

- Vol. CS-222 **THE PHYSICS OF GALAXY FORMATION**
eds. M. Umemura and H. Susa
ISBN: 1-58381-054-4
- Vol. CS-223 **COOL STARS, STELLAR SYSTEMS AND THE SUN:
Eleventh Cambridge Workshop**
eds. Ramón J. García López, Rafael Rebolo, and María Zapatero Osorio
ISBN: 1-58381-056-0
- Vol. CS-224 **PROBING THE PHYSICS OF ACTIVE GALACTIC NUCLEI
BY MULTIWAVELENGTH MONITORING**
eds. Bradley M. Peterson, Ronald S. Polidan, and Richard W. Pogge
ISBN: 1-58381-055-2

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2001 (* asterisk means OUT OF STOCK)

- Vol. CS-225 VIRTUAL OBSERVATORIES OF THE FUTURE
eds. Robert J. Brunner, S. George Djorgovski, and Alex S. Szalay
ISBN: 1-58381-057-9
- Vol. CS-226 12th EUROPEAN CONFERENCE ON WHITE DWARFS
eds. J. L. Provencal, H. L. Shipman, J. MacDonald, and S. Goodchild
ISBN: 1-58381-058-7
- Vol. CS-227 BLAZAR DEMOGRAPHICS AND PHYSICS
eds. Paolo Padovani and C. Megan Urry
ISBN: 1-58381-059-5
- Vol. CS-228 DYNAMICS OF STAR CLUSTERS AND THE MILKY WAY
eds. S. Deiters, B. Fuchs, A. Just, R. Spurzem, and R. Wielen
ISBN: 1-58381-060-9
- Vol. CS-229 EVOLUTION OF BINARY AND MULTIPLE STAR SYSTEMS
A Meeting in Celebration of Peter Eggleton's 60th Birthday
eds. Ph. Podsiadlowski, S. Rappaport, A. R. King, F. D'Antona, and L. Burderi
ISBN: 1-58381-061-7
- Vol. CS-230 GALAXY DISKS AND DISK GALAXIES
eds. Jose G. Funes, S. J. and Enrico Maria Corsini
ISBN: 1-58381-063-3
- Vol. CS-231 TETONS 4: GALACTIC STRUCTURE, STARS, AND
THE INTERSTELLAR MEDIUM
eds. Charles E. Woodward, Michael D. Bica, and J. Michael Shull
ISBN: 1-58381-064-1
- Vol. CS-232 THE NEW ERA OF WIDE FIELD ASTRONOMY
eds. Roger Clowes, Andrew Adamson, and Gordon Bromage
ISBN: 1-58381-065-X
- Vol. CS-233 P CYGNI 2000: 400 YEARS OF PROGRESS
eds. Mart de Groot and Christiaan Sterken
ISBN: 1-58381-070-6
- Vol. CS-234 X-RAY ASTRONOMY 2000
eds. R. Giacconi, S. Serio, and L. Stella
ISBN: 1-58381-071-4
- Vol. CS-235 SCIENCE WITH THE ATACAMA LARGE MILLIMETER ARRAY (ALMA)
ed. Alwyn Wootten
ISBN: 1-58381-072-2
- Vol. CS-236 ADVANCED SOLAR POLARIMETRY: THEORY, OBSERVATION, AND
INSTRUMENTATION, The 20th Sacramento Peak Summer Workshop
ed. M. Sigwarth
ISBN: 1-58381-073-0
- Vol. CS-237 GRAVITATIONAL LENSING: RECENT PROGRESS AND FUTURE GOALS
eds. Tereasa G. Brainerd and Christopher S. Kochanek
ISBN: 1-58381-074-9
- Vol. CS-238 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS X
eds. F. R. Harnden, Jr., Francis A. Primi, and Harry E. Payne
ISBN: 1-58381-075-7
- Vol. CS-239 MICROLENSING 2000: A NEW ERA OF MICROLENSING ASTROPHYSICS
ed. John Menzies and Penny D. Sackett
ISBN: 1-58381-076-5

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2001 (* asterisk means OUT OF STOCK)

- Vol. CS-240 **GAS AND GALAXY EVOLUTION,**
A Conference in Honor of the 20th Anniversary of the VLA
eds. J. E. Hibbard, M. P. Rupen, and J. H. van Gorkom
ISBN: 1-58381-077-3
- Vol. CS-241 **CS-241 THE 7TH TAIPEI ASTROPHYSICS WORKSHOP ON**
COSMIC RAYS IN THE UNIVERSE
ed. Chung-Ming Ko
ISBN: 1-58381-079-X
- Vol. CS-242 **ETA CARINAE AND OTHER MYSTERIOUS STARS:**
THE HIDDEN OPPORTUNITIES OF EMISSION SPECTROSCOPY
eds. Theodore R. Gull, Svereric Johannson, and Kris Davidson
ISBN: 1-58381-080-3
- Vol. CS-243 **FROM DARKNESS TO LIGHT:**
ORIGIN AND EVOLUTION OF YOUNG STELLAR CLUSTERS
eds. Thierry Montmerle and Philippe André
ISBN: 1-58381-081-1
- Vol. CS-244 **YOUNG STARS NEAR EARTH: PROGRESS AND PROSPECTS**
eds. Ray Jayawardhana and Thomas P. Greene
ISBN: 1-58381-082-X
- Vol. CS-245 **ASTROPHYSICAL AGES AND TIME SCALES**
eds. Ted von Hippel, Chris Simpson, and Nadine Manset
ISBN: 1-58381-083-8
- Vol. CS-246 **SMALL TELESCOPE ASTRONOMY ON GLOBAL SCALES, IAU Colloquium 183**
eds. Wen-Ping Chen, Claudia Lemme, and Bohdan Paczyński
ISBN: 1-58381-084-6
- Vol. CS-247 **SPECTROSCOPIC CHALLENGES OF PHOTOIONIZED PLASMAS**
eds. Gary Ferland and Daniel Wolf Savin
ISBN: 1-58381-085-4
- Vol. CS-248 **MAGNETIC FIELDS ACROSS THE HERTZSPRUNG-RUSSELL DIAGRAM**
eds. G. Mathys, S. K. Solanki, and D. T. Wickramasinghe
ISBN: 1-58381-088-9
- Vol. CS-249 **THE CENTRAL KILOPARSEC OF STARBURSTS AND AGN:**
THE LA PALMA CONNECTION
eds. J. H. Knapen, J. E. Beckman, I. Shlosman, and T. J. Mahoney
ISBN: 1-58381-089-7
- Vol. CS-250 **PARTICLES AND FIELDS IN RADIO GALAXIES CONFERENCE**
eds. Robert A. Laing and Katherine M. Blundell
ISBN: 1-58381-090-0
- Vol. CS-251 **NEW CENTURY OF X-RAY ASTRONOMY**
eds. H. Inoue and H. Kunieda
ISBN: 1-58381-091-9
- Vol. CS-252 **HISTORICAL DEVELOPMENT OF MODERN COSMOLOGY**
eds. Vicent J. Martínez, Virginia Trimble, and María Jesús Pons-Bordería
ISBN: 1-58381-092-7

PUBLISHED: 2002

- Vol. CS-253 **CHEMICAL ENRICHMENT OF INTRACLUSTER AND INTERGALACTIC MEDIUM**
eds. Roberto Fusco-Femiano and Francesca Matteucci
ISBN: 1-58381-093-5

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2002 (* asterisk means OUT OF STOCK)

- Vol. CS-254 EXTRAGALACTIC GAS AT LOW REDSHIFT
eds. John S. Mulchaey and John T. Stocke
ISBN: 1-58381-094-3
- Vol. CS-255 MASS OUTFLOW IN ACTIVE GALACTIC NUCLEI: NEW PERSPECTIVES
eds. D. M. Crenshaw, S. B. Kraemer, and I. M. George
ISBN: 1-58381-095-1
- Vol. CS-256 OBSERVATIONAL ASPECTS OF PULSATING B AND A STARS
eds. Christiaan Sterken and Donald W. Kurtz
ISBN: 1-58381-096-X
- Vol. CS-257 AMiBA 2001: HIGH-Z CLUSTERS, MISSING BARYONS, AND CMB
POLARIZATION
eds. Lin-Wen Chen, Chung-Pei Ma, Kin-Wang Ng, and Ue-Li Pen
ISBN: 1-58381-097-8
- Vol. CS-258 ISSUES IN UNIFICATION OF ACTIVE GALACTIC NUCLEI
eds. Roberto Maiolino, Alessandro Marconi, and Neil Nagar
ISBN: 1-58381-098-6
- Vol. CS-259 RADIAL AND NONRADIAL PULSATIONS AS PROBES OF STELLAR PHYSICS,
IAU Colloquium 185
eds. Conny Aerts, Timothy R. Bedding, and Jørgen Christensen-Dalsgaard
ISBN: 1-58381-099-4
- Vol. CS-260 INTERACTING WINDS FROM MASSIVE STARS
eds. Anthony F. J. Moffat and Nicole St-Louis
ISBN: 1-58381-100-1
- Vol. CS-261 THE PHYSICS OF CATAclySMIC VARIABLES AND RELATED OBJECTS
eds. B. T. Gänsicke, K. Beuermann, and K. Reinsch
ISBN: 1-58381-101-X
- Vol. CS-262 THE HIGH ENERGY UNIVERSE AT SHARP FOCUS: CHANDRA SCIENCE,
held in conjunction with the 113th Annual Meeting of the ASP
eds. Eric M. Schlegel and Saeqa Dil Vrtilek
ISBN: 1-58381-102-8
- Vol. CS-263 STELLAR COLLISIONS, MERGERS AND THEIR CONSEQUENCES
ed. Michael M. Shara
ISBN: 1-58381-103-6
- Vol. CS-264 CONTINUING THE CHALLENGE OF EUV ASTRONOMY:
CURRENT ANALYSIS AND PROSPECTS FOR THE FUTURE
eds. Steve B. Howell, Jean Dupuis, Daniel Golombek,
Frederick M. Walter, and Jennifer Cullison
ISBN: 1-58381-104-4
- Vol. CS-265 ω CENTAURI, A UNIQUE WINDOW INTO ASTROPHYSICS
eds. Floor van Leeuwen, Joanne D. Hughes, and Giampaolo Piotto
ISBN: 1-58381-105-2
- Vol. CS-266 ASTRONOMICAL SITE EVALUATION IN THE VISIBLE AND RADIO RANGE,
IAU Technical Workshop
eds. J. Vermin, Z. Benkhaldoun, and C. Muñoz-Tuñón
ISBN: 1-58381-106-0
- Vol. CS-267 HOT STAR WORKSHOP III: THE EARLIEST STAGES OF MASSIVE STAR BIRTH
ed. Paul A. Crowther
ISBN: 1-58381-107-9
- Vol. CS-268 TRACING COSMIC EVOLUTION WITH GALAXY CLUSTERS
eds. Stefano Borgani, Marino Mezzetti, and Riccardo Valdarnini

ASP CONFERENCE SERIES VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2002 (* asterisk means OUT OF STOCK)

- Vol. CS-269 THE EVOLVING SUN AND ITS INFLUENCE ON PLANETARY ENVIRONMENTS
eds. Benjamín Montesinos, Álvaro Giménez, and Edward F. Guinan
ISBN: 1-58381-109-5
- Vol. CS-270 ASTRONOMICAL INSTRUMENTATION AND THE BIRTH AND GROWTH OF
ASTROPHYSICS: A Symposium held in honor of Robert G. Tull
eds. Frank N. Bash and Christopher Sneden
ISBN: 1-58381-110-9
- Vol. CS-271 NEUTRON STARS IN SUPERNOVA REMNANTS
eds. Patrick O. Slane and Bryan M. Gaensler
ISBN: 1-58381-111-7
- Vol. CS-272 THE FUTURE OF SOLAR SYSTEM EXPLORATION, 2003-2013
Community Contributions to the NRC Solar System Exploration Decadal Survey
ed. Mark V. Sykes
ISBN: 1-58381-113-3
- Vol. CS-273 THE DYNAMICS, STRUCTURE AND HISTORY OF GALAXIES
eds. G. S. Da Costa and H. Jerjen
ISBN: 1-58381-114-1
- Vol. CS-274 OBSERVED HR DIAGRAMS AND STELLAR EVOLUTION
eds. Thibault Lejeune and João Fernandes
ISBN: 1-58381-116-8
- Vol. CS-275 DISKS OF GALAXIES: KINEMATICS, DYNAMICS AND PERTURBATIONS
eds. E. Athanassoula, A. Bosma, and R. Mujica
ISBN: 1-58381-117-6
- Vol. CS-276 SEEING THROUGH THE DUST:
THE DETECTION OF HI AND THE EXPLORATION OF THE ISM IN GALAXIES
eds. A. R. Taylor, T. L. Landecker, and A. G. Willis
ISBN: 1-58381-118-4
- Vol. CS 277 STELLAR CORONAE IN THE CHANDRA AND XMM-NEWTON ERA
eds. Fabio Favata and Jeremy J. Drake
ISBN: 1-58381-119-2
- Vol. CS 278 NAIC-NRAO SCHOOL ON SINGLE-DISH ASTRONOMY:
TECHNIQUES AND APPLICATIONS
eds. Snezana Stanimirovic, Daniel Altschuler, Paul Goldsmith, and Chris Salter
ISBN: 1-58381-120-6
- Vol. CS 279 EXOTIC STARS AS CHALLENGES TO EVOLUTION, IAU Colloquium 187
eds. Christopher A. Tout and Walter Van Hamme
ISBN: 1-58381-122-2
- Vol. CS 280 NEXT GENERATION WIDE-FIELD MULTI-OBJECT SPECTROSCOPY
eds. Michael J. I. Brown and Arjun Dey
ISBN: 1-58381-123-0
- Vol. CS 281 ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEM XI
eds. David A. Bohlender, Daniel Durand, and Thomas H. Handley
ISBN: 1-58381-124-9 ISSN: 1080-7926
- Vol. CS 282 GALAXIES: THE THIRD DIMENSION
eds. Margarita Rosado, Luc Binette, and Lorena Arias
ISBN: 1-58381-125-7
- Vol. CS 283 A NEW ERA IN COSMOLOGY
eds. Nigel Metcalfe and Tom Shanks
ISBN: 1-58381-126-5

ASP CONFERENCE SERIES VOLUMES
Published by the Astronomical Society of the Pacific

PUBLISHED: 2002 (* asterisk means OUT OF STOCK)

Vol. CS 284 AGN SURVEYS
eds. R. F. Green, E. Ye. Khachikian, and D. B. Sanders
ISBN: 1-58381-127-3

A LISTING OF IAU VOLUMES MAY BE FOUND ON THE NEXT PAGE

INTERNATIONAL ASTRONOMICAL UNION (IAU) VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 1999 (* asterisk means OUT OF STOCK)

- Vol. No. 190 **NEW VIEWS OF THE MAGELLANIC CLOUDS**
eds. You-Hua Chu, Nicholas B. Suntzeff, James E. Hesser,
and David A. Bohlender
ISBN: 1-58381-021-8
- Vol. No. 191 **ASYMPTOTIC GIANT BRANCH STARS**
eds. T. Le Bertre, A. Lébre, and C. Waelkens
ISBN: 1-886733-90-2
- Vol. No. 192 **THE STELLAR CONTENT OF LOCAL GROUP GALAXIES**
eds. Patricia Whitelock and Russell Cannon
ISBN: 1-886733-82-1
- Vol. No. 193 **WOLF-RAYET PHENOMENA IN MASSIVE STARS AND STARBURST GALAXIES**
eds. Karel A. van der Hucht, Gloria Koenigsberger, and Philippe R. J. Eenens
ISBN: 1-58381-004-8
- Vol. No. 194 **ACTIVE GALACTIC NUCLEI AND RELATED PHENOMENA**
eds. Yervant Terzian, Daniel Weedman, and Edward Khachikian
ISBN: 1-58381-008-0

PUBLISHED: 2000

- Vol. XXIVA **TRANSACTIONS OF THE INTERNATIONAL ASTRONOMICAL UNION
REPORTS ON ASTRONOMY 1996-1999**
ed. Johannes Andersen
ISBN: 1-58381-035-8
- Vol. No. 195 **HIGHLY ENERGETIC PHYSICAL PROCESSES AND MECHANISMS FOR
EMISSION FROM ASTROPHYSICAL PLASMAS**
eds. P. C. H. Martens, S. Tsuruta, and M. A. Weber
ISBN: 1-58381-038-2
- Vol. No. 197 **ASTROCHEMISTRY: FROM MOLECULAR CLOUDS TO PLANETARY SYSTEMS**
eds. Y. C. Minh and E. F. van Dishoeck
ISBN: 1-58381-034-X
- Vol. No. 198 **THE LIGHT ELEMENTS AND THEIR EVOLUTION**
eds. L. da Silva, M. Spite, and J. R. de Medeiros
ISBN: 1-58381-048-X

PUBLISHED: 2001

- IAU SPS **ASTRONOMY FOR DEVELOPING COUNTRIES**
Special Session of the XXIV General Assembly of the IAU
ed. Alan H. Batten
ISBN: 1-58381-067-6
- Vol. No. 196 **PRESERVING THE ASTRONOMICAL SKY**
eds. R. J. Cohen and W. T. Sullivan, III
ISBN: 1-58381-078-1
- Vol. No. 200 **THE FORMATION OF BINARY STARS**
eds. Hans Zinnecker and Robert D. Mathieu
ISBN: 1-58381-068-4
- Vol. No. 203 **RECENT INSIGHTS INTO THE PHYSICS OF THE SUN AND HELIOSPHERE:
HIGHLIGHTS FROM SOHO AND OTHER SPACE MISSIONS**
eds. Pål Brekke, Bernhard Fleck, and Joseph B. Gurman
ISBN: 1-58381-069-2
- Vol. No. 204 **THE EXTRAGALACTIC INFRARED BACKGROUND AND ITS COSMOLOGICAL
IMPLICATIONS**
eds. Martin Harwit and Michael G. Hauser
ISBN: 1-58381-062-5

INTERNATIONAL ASTRONOMICAL UNION (IAU) VOLUMES

Published by the Astronomical Society of the Pacific

PUBLISHED: 2001 (* asterisk means OUT OF STOCK)

- Vol. No. 205 GALAXIES AND THEIR CONSTITUENTS
AT THE HIGHEST ANGULAR RESOLUTIONS
eds. Richard T. Schilizzi, Stuart N. Vogel, Francesco Paresce, and Martin S. Elvis
ISBN: 1-58381-066-8
- Vol. XXIVB TRANSACTIONS OF THE INTERNATIONAL ASTRONOMICAL UNION
REPORTS ON ASTRONOMY
ed. Hans Rickman
ISBN: 1-58381-087-0

PUBLISHED: 2002

- Vol. No. 12 HIGHLIGHTS OF ASTRONOMY
ed. Hans Rickman
ISBN: 1-58381-086-2
- Vol. No. 199 THE UNIVERSE AT LOW RADIO FREQUENCIES
eds. A. Pramesh Rao, G. Swarup, and Gopal-Krishna
ISBN: 58381-121-4
- Vol. No. 206 COSMIC MASERS: FROM PROTOSTARS TO BLACKHOLES
eds. Victor Migenes and Mark J. Reid
ISBN: 1-58381-112-5
- Vol. No. 207 EXTRAGALACTIC STAR CLUSTERS
eds. Doug Geisler, Eva K. Grebel, and Dante Minniti
ISBN: 1-58381-115-X

Ordering information is available at the beginning of the listing

ISBN 1-58381-127-3



90000

