CHAPTER IX

DIVISIONS, COMMISSIONS, & WORKING GROUPS

NOTE. This chapter lists the main IAU scientific bodies: Divisions, Commissions and their Working Groups.

For the new 9 Divisions which were introduced at the XXVIIIth General Assembly (August 2012) we report both the Organizing Committees in force during the triennium 2012-2015 and those elected for the triennium 2015-2018.

The old Commissions were all dismissed at the XXIXth General Assembly and replaced by the new ones: the final report about the activities of the old Commissions are reported in a separate Volume (Transaction XXIX A - Legacy Report). This Chapter lists the new Commissions and their respective Organizing Committees.

The Working Groups in force during the 2012-2015 triennium and those appointed at the XXIXth General Assembly for the triennium 2015-2018 are also reported. The members of the Divisions and their (old) Commissions are listed in the following Chapters (X and XI respectively).

Divisions, Commissions and Working Groups
for the triennium 2012-2015

Division A Fundamental Astronomy

**President:**
Sergei A. Klioner
Technische Universität Dresden
Lohrmann Observatory
Mommensestr 13
01062 - Dresden
Germany

**Vice-President:**
Jacques Laskar
Observatoire de Paris
IMCCE
77 Av Denfert Rochereau, Bat. A
75014 - Paris
France

**Secretary:**
Susan Gessner Stewart
United States Naval Observatory
Astronomical Applications
3450 Massachusetts Ave., NW
20392-5420 Washington
United States

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Steering Committee Members:
Nicole Capitaine (France), Cheng-Li Huang (China Nanjing), Catherine Y. Hohenkerk (United Kingdom), Mizuhiko HOSOKAWA (Japan), Dennis D. McCarthy (United States), François Mignard (France), Alessandro Morbidelli (France), Dimitri Pourbaix (Belgium), Michael H. Soffel (Germany), Norbert Zacharias (United States), Richard Gross (United States), Sergei A. Klioner (Germany), Jacques Laskar (France), Anthony G.A. Brown (Netherlands), Sylvio Ferraz-Mello (Brazil), Susan Gessner Stewart (United States)

Commissions:
Commission 4 Ephemerides
Commission 7 Celestial Mechanics & Dynamical Astronomy
Commission 8 Astrometry
Commission 19 Rotation of the Earth
Commission 31 Time
Commission 52 Relativity in Fundamental Astronomy

Division B Facilities, Technologies and Data Science

President:
David Richard Silva
National Optical Astronomy Observatory
950 North Cherry Avenue
AZ 85719 - Tucson
United States

Vice-President:
Pietro Ubertini
INAF
IAPS - Institute for Space Astrophysics and Planetology
Via Fosso del Cavaliere 100
00133 - Roma
Italy

Secretary:
Michael G. Burton
Armagh Observatory and Planetarium
College Hill
BT61 9DG - Armagh
United Kingdom

Steering Committee Members:
Michael G. Burton (United Kingdom), Malcolm G. Smith (Chile), Françoise Genova (France), Anthony James Beasley (United States), Gloria M. Dubner (Argentina), Lisa Storrie-Lombardi (United States), Robert J. Hanisch (United States), Hitoshi YAMAOKA (Japan), Lyudmila I. Mashonkina (Russian Federation), Jessica Mary Chapman (Australia), Richard F. Green (United States), Gerard T. van Belle (United States), Simon F. Portegies Zwart (Netherlands), David Richard Silva (United States), Pietro Ubertini (Italy), Alistair Walker (Chile)
Commissions:
  Commission 5 Documentation & Astronomical Data
  Commission 6 Astronomical Telegrams
  Commission 14 Atomic & Molecular Data
  Commission 25 Astronomical Photometry and Polarimetry
  Commission 30 Radial Velocities
  Commission 40 Radio Astronomy
  Commission 50 Protection of Existing & Potential Observatory Sites
  Commission 54 Optical & Infrared Interferometry

Division C Education, Outreach and Heritage

President:
Mary Kay M. Hemenway
University of Texas Austin
McDonald Observatory
2515 Speedway, C1400
TX 78712 - Austin
United States

Vice-President:
Hakim Luthfi Malasan
Faculty of Mathematics & Natural Sciences
Institut Teknologi Bandung
Astronomy Division & Bosscha Observatory
Lembang - West Java
40391 - Bandung
Indonesia

Secretary:
Rajesh Kochhar
Panjab University
Mathematics Department
Sector14
160014 - Chandigarh
India

Steering Committee Members:
Michele Gerbaldi (France), Xiaochun Sun (China, Nanjing), Clive Ruggles (United Kingdom), Juan Antonio Belmonte Aviles (Spain), Lars Lindberg Christensen (Germany), Beatriz Elena Garcia (Argentina), Raymond P. Norris (Australia), Pedro Russo (Netherlands), Mary Kay M. Hemenway (United States), Hakim Luthfi Malasan (Indonesia), Jean-Pierre de Greve (Belgium), Kazuhiro SEKIGUCHI (Japan)

Commissions:
  Commission 41 History of Astronomy
  Commission 46 Astronomy Education & Development
  Commission 55 Communicating Astronomy with the Public
Division D High Energy Phenomena and Fundamental Physics

President: Diana Mary Worrall
University of Bristol
HH Wills Physics Laboratory
Tyndall Avenue
BS8 1TL - Bristol
United Kingdom

Vice-President: Felix Albert Aharonian
Dublin Institute for Advanced Studies
School of Cosmic Physics
31 Fitzwilliam Place
2 - Dublin
Ireland

Secretary: Elena Pian
INAF
Institute of Space Astrophysics and Cosmic Physics
Via P. Gobetti 101
40129 - Bologna
Italy

Steering Committee Members:
Christine Jones (United States), Chryssa Kouveliotou (United States), Tadayuki TAKA-HASHI (Japan), Diana Mary Worrall (United Kingdom), Felix Albert Aharonian (Ireland), Xavier Barcons (Germany), John G. Kirk (Germany), Anna Wolter (Italy), Elena Pian (Italy)

Commissions:
Commission 44 Space & High Energy Astrophysics

Division E Sun and Heliosphere

President: Lidia van Driel-Gesztelyi
University College London
Space and Climate Physics, Mullard Space Science Laboratory
London
United Kingdom

Vice-President: Yihua YAN
National Astronomical Observatories
20A Datun Rd
Chaoyang District
100012- Beijing
China Nanjing

Secretary: Gianna Cauzzi
INAF - Osservatorio Astrofisico di Arcetri
Largo E Fermi 5
50125- Firenze
Italy
Steering Committee Members:
Sarah Gibson (United States), Marc L DeRosa (United States), Peng-Fei CHEN (China, Nanjing), Arnab Rai Choudhuri (India), Lyndsay Fletcher (United Kingdom), Ingrid Mann (Norway), Karel J. Schrijver (United States), Rudolf von Steiger (Switzerland), Lidia van Driel-Gesztelyi (United Kingdom), Yihua YAN (China, Nanjing)

Commissions:
Commission 10 Solar Activity
Commission 12 Solar Radiation & Structure
Commission 49 Interplanetary Plasma & Heliosphere

Division F Planetary Systems and Bioastronomy

President:
Giovanni B. Valsecchi
INAF- IAPS
Via Fosso del Cavaliere 100
Tor Vergata
00133 - Roma
Italy

Vice-President:
Nader Haghighipour
University of Hawaii
Institute for Astronomy
2680 Woodlawn Dr
HI 96822- Honolulu
United States

Secretary:
Gonzalo Tancredi
Facultad de Ciencias
Departamento de Astronomía
Igua 4225
11400- Montevideo
Uruguay

Steering Committee Members:
Pamela Kilmartin (New Zealand), Alberto Cellino (Italy), Dominique Bockelee-Morvan (France), Mark T Lemmon (United States), Didier Queloz (United Kingdom), William M. Irvine (United States), Steven R. Chesley (United States), Petrus Matheus Marie Jenniskens (United States), Pascale Ehrenfreund (United States), Alain Lecavelier des Etangs (France), Jiří Borovička (Czech Republic), Paul Winchester Chodas (United States), Giovanni B. Valsecchi (Italy), Nader Haghighipour (United States)

Commissions:
Commission 15 Physical Study of Comets & Minor Planets
Commission 16 Physical Study of Planets & Satellites
Commission 20 Positions & Motions of Minor Planets, Comets & Satellites
Commission 22 Meteors, Meteorites & Interplanetary Dust
Commission 51 Bio-Astronomy
Commission 53 Extrasolar Planets (WGESP)
Division G Stars and Stellar Physics

President: Ignasi Ribas
Institut de Ciencies de l’Espai
IEEC-CSIC
Cami de Can Magrans, s/n
08193 - Bellaterra, Barcelona
Spain

Vice-President: Corinne Charbonnel
Geneva Observatory (Switzerland)
& CNRS (France)
Chemin des Maillettes 51
1290 - Versoix
Switzerland

Secretary: Virginia Trimble
University of California Irvine
Physics-Astronomy Department
4575 Physics
CA 92697-4575 - Irvine
United States

Steering Committee Members:
Conny Aerts (Belgium), Karen Pollard (New Zealand), Richard O. Gray (United States), Marco Limongi (Italy), Katia Cunha (Brazil), Beatriz Barbuy (Brazil), Mercedes T. Richards (United States), David R. Soderblom (United States), Virginia Trimble (United States), Corinne Charbonnel (Switzerland), Birgitta Nordström (Denmark), Francesca D’Antona (Italy), Brian D. Mason (United States), Joachim Puls (Germany), Ignasi Ribas (Spain)

Commissions:
Commission 26 Double & Multiple Stars
Commission 27 Variable Stars
Commission 29 Stellar Spectra
Commission 35 Stellar Constitution
Commission 36 Theory of Stellar Atmospheres
Commission 42 Close Binary Stars
Commission 45 Stellar Classification

Division H Interstellar Matter and Local Universe

President: Ewine F. van Dishoeck
Leiden University
Leiden Observatory
PO Box 9513
2300 RA - Leiden
Netherlands

Vice-President: Jonathan Bland-Hawthorn
AAO
PO Box 296
NSW 1710 - Epping
Australia

Secretary: Bruce G. Elmegreen
IBM
T J Watson Res Center
Steering Committee Members:
Thomas Henning (Germany), Sun Kwok (China, Nanjing), Giovanni Carraro (Chile), Eileen D. Friel (United States), Annie C. Robin (France), Holger Baumgardt (Australia), Bruce G. Elmegreen (United States), Diego Mardones (Chile), Michael R. Meyer (Switzerland), Birgitta Nordström (Denmark), Ewine F. van Dishoeck (Netherlands)

Commissions:
Commission 33 Structure & Dynamics of the Galactic System
Commission 34 Interstellar Matter
Commission 37 Star Clusters & Associations

Division J Galaxies and Cosmology

President:
Françoise Combes
Observatoire de Paris
LERMA
61 Av de l’Observatoire, Bat. A
75014 - Paris
France

Vice-President:
Thanu Padmanabhan
IUCAA
Post Bag 4 Ganeshkhind
Pune University Campus
411 007 - Pune
India

Secretary:
Thaisa Storchi-Bergmann
UFRGS
Inst de Física
Campus do Vale
CP 15051
91501-970 - Porto Alegre, RS
Brazil

Steering Committee Members:
Ofer Lahav (United Kingdom), Brian P. Schmidt (Australia), John S. Gallagher III (United States), Marijn Franx (Netherlands), Jayant Murthy (India), Elaine M. Sadler (Australia), Thaisa Storchi-Bergmann (Brazil), Françoise Combes (France), Thanu Padmanabhan (India), Andrew J. Bunker (United Kingdom), Stéphane J. Courteau (Canada), Monica Rubio (Chile)

Commissions:
Commission 21 Galactic and Extragalactic Background Radiation
Commission 28 Galaxies
Commission 47 Cosmology
### Division Working Groups

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<td>Astrometry by Small Ground-Based Telescopes</td>
<td>M. Assafin</td>
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<td>Multi-waveband Realisations of International Celestial Reference System</td>
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<td>C. S. Jacobs</td>
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<td>Future Large Scale Facilities</td>
<td>G. F. Gilmore</td>
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<td>A. i. A. Tokovinin</td>
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<td>Impact of Magnetic Activity on Solar and Stellar Environments</td>
<td>D. Nandi</td>
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<td>J. Tichá</td>
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<td>Abundances in Red Giants</td>
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### Inter-Commission Working Groups

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<td>Standardizing Access to Ephemerides</td>
<td>James Lindsay Hilton</td>
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<td>C 5</td>
<td>Astrostatistics and Astroinformatics</td>
<td>Eric D. Feigelson</td>
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<td>Designations</td>
<td>Marion Schmitz</td>
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<td>FITS</td>
<td>Lucio Chiappetti</td>
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<td>Libraries</td>
<td>Marsha Bishop</td>
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<td>TG on Preservation &amp; Digitization of Photographic Plates</td>
<td>Alexei A. Pevtsov</td>
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<td>C 5</td>
<td>Virtual Observatories, Data Centers &amp; Networks</td>
<td>John Harry Black</td>
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<td>C 12</td>
<td>Coordination of Synoptic Observations of the Sun</td>
<td>Gianfranco Vidali</td>
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<td>Atomic Data</td>
<td>Alberto Cellino</td>
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<td>Data Bases for Comet Spectroscopy</td>
<td>Irakli Simonia</td>
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<td>Physical Studies of Asteroids</td>
<td>David J. Tholen</td>
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<td>Daniel Craig Boice</td>
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<td>TG On Asteroid Magnitudes</td>
<td>Karri Muinonen</td>
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<td>TG On Asteroid Polarimetric Albedo Calibration</td>
<td>Ricardo Alfredo Gil-Hutton</td>
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<td>C 22</td>
<td>Meteor Shower Nomenclature</td>
<td>Tadeusz Jan Jopek</td>
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<td>C 25</td>
<td>Infrared Astronomy</td>
<td>Kevin Volk</td>
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<tr>
<td>C 26</td>
<td>Catlog of Orbital Elements of Spectroscopic Binary Systems</td>
<td>Dimitri Pourbaix</td>
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<td>Maintenance of the Visual Double Star Database</td>
<td>William I. Hartkopf</td>
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<td>C 30</td>
<td>Radial-Velocity Standard Stars</td>
<td>Gerard Jasiewicz</td>
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<td>Stellar Radial Velocity Bibliography</td>
<td>Orlando Hugo Levato</td>
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<td>C 34</td>
<td>Astrochemistry</td>
<td>Thomas J. Millar</td>
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<td>C 34</td>
<td>Planetary Nebulae</td>
<td>Letizia Stanghellini</td>
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<td>C 40</td>
<td>Astrophysically Important Spectral Lines</td>
<td>Masatoshi OHISHI</td>
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<td>C 40</td>
<td>Historic Radio Astronomy</td>
<td>Kenneth I. Kellermann</td>
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<td>The Radio Astronomy Definition of Continuum Flux Density in Broad-Band SED Observations</td>
<td>Ronald D. Ekers</td>
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<td>Archæoastronomy and Astronomy in Culture</td>
<td>Raymond P. Norris</td>
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<td>C 41</td>
<td>Archives</td>
<td>Ileana Chinnici</td>
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<td>Astronomy and World Heritage</td>
<td>Gudrun B. E. Wolfschmidt</td>
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<td>Historical Instruments</td>
<td>Yunli Shi</td>
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<td>Johannes Kepler</td>
<td>Terence J. Mahoney</td>
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<td>Transits of Venus</td>
<td>Wayne Orchiston</td>
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<td>The IAU Dictionary of Astronomical Concepts</td>
<td>Mohammad Heydari-Malayeri</td>
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<td>Ian E. Robson</td>
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<td>Sarah Jane Reed</td>
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<td>Carine Briand</td>
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<td>Pamela L. Gay</td>
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<td>New Ways of CAP</td>
<td>Michael John West</td>
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<td>Outreach Professionalization &amp; Accreditation</td>
<td>Richard Tresch Fienberg</td>
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<td>Public Outreach Information Management</td>
<td>Pedro Russo</td>
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<td>Washington Charter For CAP</td>
<td>Dennis Crabtree</td>
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### Executive Committee Working Groups

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<tr>
<th>Commission</th>
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<tbody>
<tr>
<td>C4,C7,C8,C16,C20</td>
<td>Natural Planetary Satellites</td>
<td>Jean-Eudes Arlot</td>
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<tr>
<td>International Year of Light: Cosmic Light</td>
<td>Richard F. Green</td>
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<tr>
<td>Public Naming of Planets and Planetary Satellites</td>
<td>Thierry Montmerle</td>
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<tr>
<td>Women in Astronomy</td>
<td>Francesca Primas</td>
</tr>
</tbody>
</table>
Commissions (until 2015)

Commission 4 - Ephemerides

President: Catherine Y. Hohenkerk
UKHO
HM Nautical Almanac Office
Admiralty Way
TA1 2DN - Taunton
United Kingdom

Vice-President: Jean-Eudes Arlot
Observatoire de Paris
IMCCE
77 Av Denfert Rochereau
75014 - Paris
France

Organizing Committee Members William Thuillot (France), Mitsuru Sôma (Japan), Agnès Fienga (France), Marina V. Lukashova (Russian Federation), Jose Manuel Ferrándiz (Spain), John A. Bangert (United States), William M. Folkner (United States), Elena V. Pitjeva (Russian Federation), Steven A. Bell (United Kingdom), Sean E. Urban (United States), Jean-Eudes Arlot (France), George H. Kaplan (United States)

Commission 5 - Documentation & Astronomical Data

President: Robert J. Hanisch
National Institute of Standards and Technology
Office of Data and Informatics
100 Bureau Drive - Stop 8300
MD 20899-8300 - Gaithersburg
United States

Vice-President: Michael W. Wise
ASTRON
Netherlands Institute for Radio Astronomy
P.O. Box 2
7990 AA - Dwingeloo
Netherlands

Organizing Committee Members: Daniel Egret (France), Anja C. Schröder (South Africa), Douglas Tody (United States), R. Elizabeth M. Griffin (Canada), Ajit K. Kembhavi (India), Fabio Pasian (Italy), Tara Murphy (Australia), Marsha Bishop (United States), Heinz J Andernach (Mexico)

Commission 6 - Astronomical Telegrams

President: Hitoshi YAMAOKA
National Astronomical Observatory of Japan
Public Relations Center
2-21-1, Osawa,
181-8588 - Mitaka
Japan

Vice-President: Daniel W. E. Green
Harvard University
Department of Earth and Planetary Sciences
Hoffman Lab 209
20 Oxford St.
MA 02138 - Cambridge
United States
Organizing Committee Members:
Alan C. Gilmore (New Zealand), Nikolay N. Samus (Russian Federation), Gareth V. Williams (United States), Timothy B. Spahr (United States), Kaare Aksnes (Norway), Jana Tichá (Czech Republic), Syuichi NAKANO (Japan)

Commission 7 - Celestial Mechanics & Dynamical Astronomy

President: 
Alessandro Morbidelli
Observatoire de la Côte d’Azur
Bd de l’Observatoire
BP 4229
06304 - Nice Cedex 4
France

Vice-President: 
Cristian Beaugé
Observatorio Astronómico
Laprida 854
Barrio Observatorio
5000 - Córdoba
Argentina

Organizing Committee Members: 
Piet Hut (United States), Alessandra Celletti (Italy), Nader Haghighipour (United States), Fernando Virgilio Roig (Brazil), Jacques Laskar (France), Seppo Mikkola (Finland)

Commission 8 - Astrometry

President: 
Norbert Zacharias
US Naval Observatory
Astrometry Department
3450 Massachusetts Ave NW
DC 20392-5420 - Washington
United States

Vice-President: 
Anthony G.A. Brown
Leiden University
Leiden Observatory
PO Box 9513
2300 RA - Leiden
Netherlands

Organizing Committee Members: 
Ramachrisna Teixeira (Brazil), Oleksandr V. Shulga (Ukraine), Li CHEN (China, Nanjing), Valeri Makarov (United States), Jean Souchay (France), Stephen C. Unwin (United States), Naoteru GOUDA (Japan)
Commission 10 - Solar Activity

President: Karel J. Schrijver
            Lockheed Martin Advanced
            Technology Center
            Solar and Astrophysics Laboratory
            Dept. A021S Bldg. 252
            3251 Hanover Street
            CA 94304-1191 - Palo Alto
            United States

Vice-President: Lyndsay Fletcher
                University of Glasgow
                School of Physics and Astronomy
                Kelvin Bldg
                G12 8QQ - Glasgow
                United Kingdom

Organizing Committee Members:
Daniel O. Gómez (Argentina), Paul S. Cally (Australia), Paul Charbonneau (Canada),
S. Sirajul Hasan (India), Yihua YAN (China, Nanjing), Astrid Veronig (Austria), Ayumi
Asian (Japan), Sarah Gibson (United States)

Commission 12 - Solar Radiation & Structure

President: Gianna Cauzzi
            INAF
            Osservatorio Astrofisico di Arcetri
            Largo E Fermi 5
            50125 - Firenze
            Italy

Vice-President: Nataliia Gennadievna Shchukina
                Main Astronomical Observatory
                Solar Physics Department
                27 Acad. Zabolotnoho St
                03680 - Kyiv
                Ukraine

Organizing Committee Members:
Mingde DING (China, Nanjing), Stuart M. Jefferies (United States), Natalie Krivova
(Germany), Michele Bianda (Switzerland), Sergio Dasso (Argentina), Dean-Yi CHOU
(China, Taipei), Axel Brandenburg (Sweden), Fernando Moreno-Insertis (Spain)

Commission 14 - Atomic & Molecular Data

President: Lyudmila I. Mashonkina
            Inst of Astronomy RAS
            Pyatnitskaya ul 48
            119017 - Moscow
            Russian Federation

Vice-President: Farid Salama
               NASA- Ames Research Center
               Space Science & Astrobiology Division
               Building N245
               MS 245 6
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40129 - Bologna
Italy
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Astronomical Institute ‘Anton Pannekoek’
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1090 GE - Amsterdam
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p.o. box 3000
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Geneva Observatory (Switzerland)
& CNRS (France)
Chemin des Maillettes 51
1290 - Versoix
Switzerland

Vice-President: David R. Soderblom
Space Telescope Science Institute
3700 San Martin Dr
MD 21218-2410 - Baltimore
United States
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Louisiana State University
Department of Physics and Astronomy
Baton Rouge
United States

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Inter-Division D-G-H-J Commission Galaxy Spectral Energy Distributions

Division H Interstellar Matter and Local Universe

President:
Bruce G. Elmegreen
IBM
T J Watson Res Center
1101 Kitchawan Road
10598 - Yorktown Heights
United States

Vice-President:
Leonardo Testi
INAF
Osservatorio Astrofisico di Arcetri
Largo E Fermi 5
50125 - Firenze
Italy

Secretary:
Francisca Kemper
Academia Sinica
Institute of Astronomy and Astrophysics
PO Box 23-141 10617 -Taipei
China Taipei

Organizing Committee Members:
Holger Baumgardt (Australia), Eva Schinnerer (Germany), Cristina Chiappini (Germany), Eva K. Grebel (Germany), Thomas J. Millar (United Kingdom), Letizia Stanghellini (United States), Richard de Grijs (China Nanjing), Bruce G. Elmegreen
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Division J Galaxies and Cosmology

President:
Claus Leitherer
Space Telescope Science Inst
3700 San Martin Dr
MD 21218-2410 - Baltimore
United States

Vice-President:
Matthew Arnold Malkan
UCLA
Physics-Astronomy Dept
Box 951547
405 Hilgard Ave
CA 90095-1547 - Los Angeles
United States

Secretary:
Jeremy R. Mould
Swinburne University
Centre for Astrophysics and Supercomputing
John St
Hawthorn - 3122
Melbourne
Australia

Organizing Committee Members:
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  - Inter-Division B-H-J Commission Intergalactic Medium
  - Cross-Division D-J Commission Supermassive Black Holes, Feedback and Galaxy Evolution
### Division Working Groups

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<th>Co-Chair(s)</th>
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<tbody>
<tr>
<td>D A</td>
<td>Astrometry by Small Ground-Based Telescopes</td>
<td>William Thuillot, Marcelo Assafin</td>
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<td>D A</td>
<td>Multi-waveband Realisations of International Celestial Reference System</td>
<td>François Mignard</td>
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<td>Numerical Standards in Fundamental Astronomy (NSFA)</td>
<td>Brian Luzum</td>
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<td>C. Y. Hohenkerk</td>
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<td>D A</td>
<td>Third Realisation of International Celestial Reference Frame</td>
<td>Patrick Charlot</td>
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<td>D B</td>
<td>Time Domain Astronomy</td>
<td>Rob Seaman</td>
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<td>UV Astronomy</td>
<td>A. I. Gómez de Castro</td>
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<td>D C</td>
<td>Star Names</td>
<td>Eric E. Mamajek</td>
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<td>D D</td>
<td>Supernovae</td>
<td>Avishay Gal-Yam</td>
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<td>D E</td>
<td>Impact of Magnetic Activity on Solar and Stellar Environments</td>
<td>Dibyendu Nandi</td>
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<td>D F</td>
<td>Exoplanets for the Public</td>
<td>A. Lecavelier des Etangs</td>
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<td>Near Earth Objects</td>
<td>Patrick Michel</td>
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<td>Planetary System Nomenclature (WGPSN)</td>
<td>Rita M. Schulz</td>
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<td>Small Bodies Nomenclature (SBN)</td>
<td>Jana Tichá</td>
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<td>D G</td>
<td>Abundances in Red Giants</td>
<td>Jacco Th. van Loon</td>
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<td>Active B Stars</td>
<td>Carol Evelyn Jones</td>
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<td>Ap &amp; Related Stars</td>
<td>Gautier Mathys</td>
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<td>D H</td>
<td>The Galactic Center</td>
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### Inter-Division Working Groups

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<tbody>
<tr>
<td>D A-F</td>
<td>Cartographic Coordinates &amp; Rotational Elements</td>
<td>Brent A. Archinal</td>
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<tr>
<td>D B-E</td>
<td>Coordination of Synoptic Observations of the Sun</td>
<td>Frederic Clette, Alexei A. Pevtsov</td>
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<tr>
<td>D C-E</td>
<td>Solar Eclipses</td>
<td>Jay M. Pasachoff</td>
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### Commission Working Groups

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<tr>
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<td>Theory of Earth Rotation and Validation (IAU / IAG Joint WG)</td>
<td>Jose M. Ferrándiz</td>
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<td>C B4</td>
<td>Historic Radio Astronomy</td>
<td>R. Wielebinski, R. T. Schilizzi</td>
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<td>C B5</td>
<td>High-Accuracy Stellar Spectroscopy</td>
<td>Paul S. Barklem</td>
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<td>C B7</td>
<td>Site Protection</td>
<td>Richard F. Green, Saeko S. Hayashi</td>
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<td>C B7</td>
<td>Technical Working Group</td>
<td>Diane E. Turnshek</td>
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## Commission Working Groups

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<td>Astronomy for Equity and Inclusion</td>
<td>Amelia Ortiz Gil</td>
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<td>Network for Astronomy School Education (NASE)</td>
<td>Rosa M. Ros</td>
<td>Beatriz E. García</td>
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<td>Theory and Methods in Astronomy Education</td>
<td>Paulo S. Bretones</td>
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<td>C C2</td>
<td>CAP Conferences</td>
<td>Sze-leung Cheung</td>
<td>Oana M. Sandu</td>
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<td>Outreach Professionalization &amp; Accreditation</td>
<td>Richard T. Fienberg</td>
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<td>Public Outreach Information Management</td>
<td>Lars L. Christensen</td>
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<td>Science Communication Research in Astronomy</td>
<td>Marta Entradas</td>
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<td>Historical Radio Astronomy (WGHRA)</td>
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<td>Johannes Kepler</td>
<td>Terence J. Mahoney</td>
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<td>Astronomical Heritage in Danger</td>
<td>Alejandro M. López</td>
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<td>Classical Observatories from the Renaissance to the 20th Century</td>
<td>Gudrun B. E. Wolfschmidt</td>
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<td>Heritage of Space Exploration</td>
<td>Mikhail Ya Marov</td>
<td>A. I. Shapiro</td>
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<td>Greg Kopp</td>
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<td>C F1</td>
<td>Meteor Shower Nomenclature (MSN-WG)</td>
<td>Diego Janches</td>
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## Inter-Commissions Working Groups

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<tr>
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<tbody>
<tr>
<td>CB7,CC1</td>
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<tr>
<td>CB7,CC4</td>
<td>Windows to the Universe: High-Mountain Observatories, and Other Astronomical Sites of the Late 20th and Early 21st Centuries</td>
<td>Robert C. Smith</td>
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<tr>
<td>CC1,CF2,CF3,CH2</td>
<td>Education and Training in Astrobiology</td>
<td>Muriel Gargaud</td>
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<td>Intangible Astronomical Heritage</td>
<td>Duane W. Hamacher</td>
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<tr>
<td>CC3,CC4</td>
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<td>Raymond P. Norris</td>
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## Executive Committee Working Groups

<table>
<thead>
<tr>
<th>Working Group Name</th>
<th>Chair</th>
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<tr>
<td>Dark and Quiet Sky Protection</td>
<td>Richard F. Green</td>
<td>Roger L. Davies</td>
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<tr>
<td>Global Coordination of Ground and Space Astrophysics</td>
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<td>David N. Spergel</td>
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<tr>
<td>International Year of Light: Cosmic Light</td>
<td>Richard F. Green</td>
<td>Thierry Montmerle</td>
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<tr>
<td>Women in Astronomy</td>
<td>Francesca Primas</td>
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</table>
Commissions (2015 - 2018)

Commission A1 - Astrometry

President: Anthony G.A. Brown
Leiden University
Leiden Observatory
PO Box 9513
2300 RA - Leiden
Netherlands

Vice-President: Jean Souchay
Observatoire de Paris
SYRTE
61 Av de l’Observatoire
75014 - Paris
France

Secretary: Dafydd Wyn Evans
University of Cambridge
Institute of Astronomy
Madingley Road
CB3 0HA - Cambridge
United Kingdom

Organizing Committee Members:
Jean Souchay (France), Dafydd Wyn Evans (United Kingdom), Alexandre Humberto Andrei (Brazil), Stephen C. Unwin (United States), Yoshiyuki YAMADA (Japan), Norbert Zacharias (United States), Anthony G.A. Brown (Netherlands)

Commission A2 - Rotation of the Earth

President: Richard Gross
Jet Propulsion Laboratory
Geodynamics and Space Geodesy Group
Mail Stop 238-600
4800 Oak Grove Drive
91109 - Pasadena, CA
United States

Vice-President: Florian Seitz
Technische Universität München
Deutsches Geodätisches Forschungsinstitut (DGFI)
Arcisstr. 21
D-80333 - Munich
Germany

Secretary: Alberto Escapa
Universidad de Alicante
Matemática Aplicada. EPS
Campus de San Vicente
03690 - San Vicente de Raspeig - Alicante
Spain
Organizing Committee Members:
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UKHO
HM Nautical Almanac Office
Admiralty Way
TA1 2DN - Taunton
United Kingdom

Vice-President:
Brian Luzum
US Naval Observatory
3450 Massachusetts Ave NW
DC 20392 5420 - Washington
United States

Secretary:
Nancy A. Oliversen
United States Naval Observatory
Astronomical Applications Department
3450 Massachusetts Ave, N. W.
20392-5410 - Washington
United States

Organizing Committee Members:
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Commission B1 - Computational Astrophysics

President:
Simon F. Portegies Zwart
Leiden Observatory
Leiden University
PO Box 9513
NL2300 RA - Leiden
Netherlands

Vice-President:
Dmitrij V. Bisikalo
Inst of Astronomy RAS
Pyatnitskaya ul 48
119017 - Moscow
Russian Federation

Secretary:
Christian M. Boily
Observatoire Astronomique de Strasbourg
11 rue de l’Université
67000 - Strasbourg
France
Organizing Committee Members:
Dmitrij V. Bisikalo (Russian Federation), Sungsoo S. KIM (Korea, Rep of), Irina N. Kitiashvili (United States), Garrelt Mellema (Sweden), Michael Shara (United States), Christian M. Boily (France), Simon F. Portegies Zwart (Netherlands)

Commission B2 - Data and Documentation

President: Michael W. Wise
ASTRON
Netherlands Institute for Radio Astronomy
P.O. Box 2
7990 AA - Dwingeloo
Netherlands

Vice-President: Anja C. Schröder
SAAO
Observatory Road
P O Box 9
7935 - Cape Town
South Africa

Organizing Committee Members:
Michael W. Wise (Netherlands), Anja C. Schröder (South Africa), Chenzhou CUI (China Nanjing), R. Elizabeth M. Griffin (Canada), Robert J. Hanisch (United States), Arnold H. Rots (United States), Rob Seaman (United States)

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Pennsylvania State University
Astronomy & Astrophysics Dept
525 Davey Lab
PA 16802 - University Park
United States

Vice-President: Prajval Shastri
Indian Institute of Astrophysics
Sarjapur Road
Koramangala
560 034 - Bengaluru
India

Secretary:
Saeqa Dil Vrtilek
Harvard Smithsonian CfA
HCO/SAO
MS 67
60 Garden Str
MA 02138-1516 - Cambridge
United States

Organizing Committee Members:
Eric D. Feigelson (United States), Saeqa Dil Vrtilek (United States), Eric B. Ford (United States), Alan Heavens (United Kingdom), Fionn Murtagh (United Kingdom), Yanxia ZHANG (China Nanjing), Prajval Shastri (India)
Commission B4 - Radio Astronomy

President:
Gabriele Giovannini
INAF
Istituto di Radioastronomia
Via P Gobetti 101
40129 - Bologna
Italy

Vice-President:
Anthony James Beasley
NRAO
520 Edgemont Rd
22903-2475 - Charlottesville
United States

Secretary:
Wim van Driel
Observatoire Paris-Site de Meudon
GEPI
5 Pl Jules Janssen
92195 - Meudon Cedex
France

Organizing Committee Members:
Anthony James Beasley (United States), Gabriele Giovannini (Italy), Wim van Driel (France), Xiaoyu HONG (China Nanjing), Joseph Lazio (United States), Nicholas Seymour (Australia), Jan Mathijs van der Hulst (Netherlands), Tony H. Wong (United States)

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President:
Farid Salama
NASA- Ames Research Center
Space Science & Astrobiology Division
Building N245
MS 245 6
CA 94035-1000 - Moffett Field
United States

Vice-President:
Helen J. Fraser
The Open University
Department of Physical Sciences, Astronomy Division
Walton Hall
MK7 6AA - Milton Keynes
United Kingdom

Secretary:
Gianfranco Vidali
Syracuse University
Department of Physics
221 Physics Building
NY 13244-1130 - Syracuse
United States
Organizing Committee Members:
Paul S. Barklem (Sweden), Farid Salama (United States), Gianfranco Vidali (United States), Thomas Henning (Germany), Harold Linnartz (Netherlands), Feilu WANG (China Nanjing), Helen J. Fraser (United Kingdom)

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Saul J. Adelman
The Citadel
Physics Dept
171 Moultrie St
SC 29409-0270 - Charleston
United States

Vice-President:
Antonio Mario Magalhaes
Universidade de São Paulo
Instituto de Astronomia, Geofisica e Ciencias Atmosfericas
Rua do Matão 1226
Cidade Universitaria
05508-090 - São Paulo
Brazil

Secretary:
Saul J. Adelman
The Citadel
Physics Dept
171 Moultrie St
SC 29409-0270 - Charleston
United States

Organizing Committee Members:
Antonio Mario Magalhaes (Brazil), Saul J. Adelman (United States), Pierre Bastien (Canada), Richard Ignace (United States), Carme Jordi (Spain), J. Allyn Smith (United States), Kevin Volk (United States)

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Beatriz Elena García
Instituto de Tecnologías en Detección y Astronanáuticas (ITeDA)
ITeDA Mendoza
Azopardo 313
Godoy Cruz
5501 - Mendoza
Argentina

Vice-President:
Paulo Sergio Bretones
Universidade Federal de São Carlos
Departamento de Metodologia de Ensino
13565-905 - São Carlos
Brazil

Secretary:
Kathleen DeGioia Eastwood
Northern Arizona University
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Commission C2 - Communicating Astronomy with the Public

President:  
Pedro Russo  
Leiden Observatory  
Universe Awareness International Office  
P.O. Box 9513  
NL-2300 RA - Leiden  
Netherlands

Vice-President:  
Richard Tresch Fienberg  
American Astronomical Society  
43 Everett Ave.  
MA 02472-1881 - Watertown  
United States

Secretary:  
Kingsley C. Okpala  
University of Nigeria  
Physics & Astronomy  
University Road, Nsukka, Enugu State, Nigeria  
41001 - Nsukka, Enugu State  
Nigeria

Organizing Committee Members:  
Pedro Russo (Netherlands), Kingsley C. Okpala (Nigeria), Megan Kirsty Argo (United Kingdom), Lars Lindberg Christensen (Germany), Carol Ann Christian (United States), Sylvie D. Vauclair (France), Richard Tresch Fienberg (United States)

Commission C3 - History of Astronomy

President:  
Xiaochun Sun  
Inst History Natural Science, CAS  
55 Zhongguancun East Road  
100190 - Beijing  
China Nanjing

Vice-President:  
Wayne Orchiston  
National Astronomical Research Institute of Thailand  
191 Huay Kaew Road  
Suthep District  
50200 - Chiang Mai  
Thailand
Organizing Committee Members:
Xiaochun Sun (China Nanjing), Wayne Orchiston (Thailand), Owen Gingerich (United States), Raymond P. Norris (Australia), Jay M. Pasachoff (United States), Christiaan L. Sterken (Belgium), David Valls-Gabaud (France)

Commission C4 - World Heritage and Astronomy

President:
Clive Ruggles
University of Leicester
School of Archaeology and Ancient History
University Road
LE1 7RH - Leicester
United Kingdom

Vice-President:
Gudrun B. E. Wolfschmidt
Hamburg University, Center for history of science and technology
Department of Physics, Hamburg Observatory
Bundesstr 55 Geomatikum
D-20146 - Hamburg
Germany

Secretary:
Roger Ferlet
UMR7095 CNRS
Institut d’Astro physique de Paris
98bis Bd Arago
75014 - Paris
France

Organizing Committee Members:
Roger Ferlet (France), Clive Ruggles (United Kingdom), Gudrun B. E. Wolfschmidt (Germany), Siramas Komonjinda (Thailand), Mikhail Ya Marov (Russian Federation), Malcolm G. Smith (Chile)

Commission D1 - Gravitational Wave Astrophysics

President:
Neil Gehrels
NASA/GSFC
Code 661
MD 20771 - Greenbelt
United States

Vice-President:
Marica Branchesi
Università degli studi di Urbino “Carlo Bo”
Dipartimento di Scienze di Base e Fondamenti/Physics section
Via Santa Chiara, 27
61029 - Urbino
Italy

Organizing Committee Members:
Neil Gehrels (United States), Marica Branchesi (Italy), Pierre Binetruy (France), Federico Ferrini (Italy), Richard N. Manchester (Australia), David H. Shoemaker (United States), Robin Stebbins (United States)
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President:
Natalie Krivova
MPI für Sonnensystemforschung
Justus-von-Liebig-Weg 3
37077 - Göttingen Germany

Vice-President:
Alexander Kosovichev
New Jersey Institute of Technology
Department of Physics
Tiernan Hall, Room 463
University Heights
07102 - Newark
United States

Secretary:
Nicolas Labrosse
University of Glasgow
School of Physics and Astronomy
G12 8QQ - Glasgow
United Kingdom

Organizing Committee Members:
Michele Bianda (Switzerland), Nataliia Gennadievna Shchukina (Ukraine), Natalie Krivova (Germany), Alexander Kosovichev (United States), Nicolas Labrosse (United Kingdom), Gianna Cauzzi (Italy), Yoshinori SUEMATSU (Japan)

Commission E2 - Solar Activity

President:
Lyndsay Fletcher
University of Glasgow
School of Physics and Astronomy
Kelvin Bldg
G12 8QQ - Glasgow
United Kingdom

Vice-President:
Paul S. Cally
Monash University
School of Mathematical Sciences
and Monash Centre for Astrophysics
Wellington Road
Clayton
VIC 3800 - Victoria
Australia

Organizing Committee Members:
Manolis K. Georgoulis (Greece), Lyndsay Fletcher (United Kingdom), Karel J. Schrijver (United States), Paul S. Cally (Australia), Philippa K. Browning (United Kingdom), Jongchul CHAE (Korea, Rep of), Amy R. Winebarger (United States)
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Ingrid Mann
EISCAT Scientific Association
P. O. Box 812
98128 - Kiruna
Sweden

Vice-President:
Carine Briand
Observatoire de Paris
LESIA/CNRS
5 place J. Janssen
92195 - Meudon
France

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Astronomical Institute of the Academy of Sciences of the Czech Republic
Department of Interplanetary Matter
Fričova 298
251 65 - Ondřejov
Czech Republic

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Diego Janches
Goddard Space Flight Center/NASA
Space Weather Lab
Code 674
20771 - Greenbelt
United States

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Pavel Koten
Astronomical Inst. Academy of Sciences
Department of Interplanetary Matter
Fričova 298
251 65 - Ondřejov
Czech Republic

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Institut d’Astrophysique de Paris
98bis Bd Arago
75014 - Paris
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NASA/ARC
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CA 94035 1000 - Moffett Field
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Chong Yuet Ming Physics Bldg
Pokfulam Rd
Hong Kong
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NAOJ
Astronomy Data Center
2-21-1 Osawa
Mitaka
181-8588 - Tokyo
Japan

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NASA/GSFC
Solar System Exploration Division
Code 690
MD 20771 - Greenbelt
United States

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19085 - Villanova
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Physics-Astronomy Department
4575 Physics
CA 92697-4575 - Irvine
United States

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The Observatories
Madingley Road
CB3 0HA - Cambridge
United Kingdom

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Instituto de Astrofísica de Canarias
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C/ Vía Láctea s/n
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Armagh Observatory
College Hill
BT61 9DG - Armagh
United Kingdom

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Département de Physique
CP 6128, Succ Centre-Ville
QC H3C 3J7 - Montréal
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VIC 3800 - Victoria
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Astronomy Dept
140 W 18th Ave
OH 43210-1106 - Columbus
United States

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Lennard-Jones Laboratories
ST5 5BG - Staffordshire
United Kingdom

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Armagh Observatory
College Hill
BT61 9DG - Armagh
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Hennings Bldg
6224 Agricultural Rd
BC V6T 1Z1 - Vancouver
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Justus von Liebigweg 3
37077 - Göttingen
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Via Lactea s/n
38200 - La Laguna, Tenerife
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Moenchhofstr. 12-14
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69120 - Heidelberg
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Universidad Andres Bello
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Fernandez Concha 700
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School of Maths-Physics
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BT9 5FS - Belfast
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Astronomy Dept
1085 S. University Ave
MI 48109-1107
Ann Arbor
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UNSW
School of Physics
NSW 2052 - Sydney
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NOAO
950 North Cherry Ave
AZ 85726-6732 - Tucson
United States

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University of Manchester
School of Physics & Astronomy
Oxford Road
M13 9PL - Manchester
United Kingdom

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Research
C/ Vía Láctea s/n
38200 - La Laguna, Tenerife
Spain
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Observatorio Astronómico
Laprida 854
Barrio Observatorio
5000 - Córdoba
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Università di Roma Tor Vergata
Dipto di Matematica
Via della Ricerca Scientifica, 1
00133 - Roma
Italy

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The Graduate School
Cowcaddens Rd
G4 0BA - Glasgow
United Kingdom

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Steward Observatory
933 North Cherry Ave
AZ 85721-0065 -Tucson United States

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950 North Cherry Avenue
85719 -Tucson
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Kavli Institute for Astronomy and Astrophysics
Yi He Yuan Lu 5
Hai Dian District
100871 - Beijing
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School of Physics & Astronomy, Monash University
Clayton
3800 - Melbourne
Australia

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Department of Theoretical Physics and Astrophysics
Kotlářská 2
611 37 - Brno
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Laboratoire d’Astrophysique de Marseille
Technopole de Chateau-Gombert
38, rue Joliot-Curie
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France

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Jeremiah Horrocks Institute
PR1 2HE - Preston
United Kingdom

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Observatoire de Genève
51 chemin des Maillettes
1290 - Versoix
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University of Edinburgh
Institute for Astronomy
Royal Observatory
Blackford Hill
EH9 3HJ - Edinburgh
United Kingdom

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Kavli Institute for Cosmological Physics
Department of Astronomy & Astrophysics
The University of Chicago
5640 S. Ellis Ave
Chicago, IL 60637
United States

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Smithsonian Observatory
Harvard Smithsonian Center for Astrophysics
High Energy Astrophysics Division
60 Garden Street
MA 02138-1516 - Cambridge
United States

Vice-President:
Thaisa Storchi-Bergmann
UFRGS
Inst de Física
Campus do Vale
CP 15051
91501-970 - Porto Alegre, RS
Brazil

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Università di Pisa  
Dipartimento di Matematica  
Piazzale B. Pontecorvo 5  
56127 - Pisa  
Italy

**Vice-President:**
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JPL m/s 301-121  
4800 Oak Grove Dr.  
91109 - Pasadena  
United States

**Organizing Committee Members:**
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