

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
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Mommsenstr 13
01062 - Dresden
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Vice-President:

Jacques Laskar
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Secretary:

Susan Gessner Stewart
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20392-5420 Washington
United States

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 Observa-
 tory
 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
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HH Wills Physics Laboratory
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Vice-President:

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Secretary:

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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:

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National Astronomical Observatories
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Secretary:

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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
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Via Fosso del Cavaliere 100
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00133 - Roma
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Vice-President:

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Secretary:

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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 Ciències de l'Espai
 IEEC-CSIC
 Camí de Can Magrans, s/n
 08193 - Bellaterra, Barcelona
 Spain

Vice-President:

Corinne Charbonnel
 Geneva Observatory (Switzerland)
 & CNRS (France)
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 1290 - Versoix
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Secretary:

Virginia Trimble
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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
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 Netherlands

Vice-President:

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Secretary:

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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
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75014 - Paris
France

Vice-President:

Thanu Padmanabhan
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Secretary:

Thaisa Storchi-Bergmann
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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 Inter-Division Working Groups Commission Working Groups

<i>Division</i>	<i>Working Group Name</i>	<i>Chair</i>
D A	Astrometry by Small Ground-Based Telescopes	M. Assafin
D A	Multi-waveband Realisations of International Celestial Reference System	F. Mignard
D A	Numerical Standards in Fundamental Astronomy (NSFA)	B. Luzum
D A	Pulsar-based Timescales	G. Hobbs
D A	Redefinition of UTC	D. D. McCarthy
D A	Standards of Fundamental Astronomy (SOFA)	C. Y. Hohenkerk
D A	Third Realisation of International Celestial Reference Frame	C. S. Jacobs
D B	Future Large Scale Facilities	G. F. Gilmore
D B	Site Testing Instruments	A. i. A. Tokovinin
D E	Impact of Magnetic Activity on Solar and Stellar Environments	D. Nandi
D E	International Collaboration on Space Weather	L. Damé
D E	International Data Access	R., D. Bentley
D F	Exoplanets for the Public	A. Lecavelier des Etangs
D F	Near Earth Objects	A. W. Harris
D F	Planetary System Nomenclature (WGPSN)	R. M. Schulz
D F	Small Bodies Nomenclature (SBN)	J. Tichá
D G	Abundances in Red Giants	
D G	Active B Stars	C. E. Jones
D G	Ap & Related Stars	G. Mathys
D G	Massive Stars	A. H. Davó

<i>Divisions</i>	<i>Working Group Name</i>	<i>Chair</i>
D A-F	Cartographic Coordinates & Rotational Elements	B. A. Archinal
D A-G	Nominal Units for Stellar & Planetary Astronomy	P. Harmanec
D C-E	Solar Eclipses	J. M. Pasachoff
D E-G	Solar-Type Stars	P. Petit

Inter-Commission Working Groups

<i>Commission</i>	<i>Working Group Name</i>	<i>Chair</i>
C 4	Standardizing Access to Ephemerides	James Lindsay Hilton
C 5	Astrostatistics and Astroinformatics	Eric D. Feigelson
C 5	Designations	Marion Schmitz
C 5	FITS	Lucio Chiappetti
C 5	Libraries	Marsha Bishop
C 5	TG on Preservation & Digitization of Photographic Plates	
C 5	Virtual Observatories, Data Centers & Networks	
C 12	Coordination of Synoptic Observations of the Sun	Alexei A. Pevtsov
C 14	Atomic Data	
C 14	Molecular Data	John Harry Black
C 14	Solids & Their Surfaces	Gianfranco Vidali
C 15	Asteroid Families	Alberto Cellino
C 15	Data Bases for Comet Spectroscopy	Irakli Simonia

<i>Commission</i>	<i>Working Group Name</i>	<i>Chair</i>
C 15	Physical Studies of Asteroids	David J. Tholen
C 15	Physical Studies of Comets	Daniel Craig Boice
C 15	TG On Asteroid Magnitudes	Karri Muinonen
C 15	TG On Asteroid Polarimetric Albedo Calibration	Ricardo Alfredo Gil-Hutton
C 19	Theory of Earth Rotation	Jose Manuel Ferrándiz
C 22	Meteor Shower Nomenclature	Tadeusz Jan Jopek
C 25	Infrared Astronomy	Kevin Volk
C 26	Catalog of Orbital Elements of Spectroscopic Binary Systems	Dimitri Pourbaix
C 26	Maintenance of the Visual Double Star Database	William I. Hartkopf
C 30	Radial-Velocity Standard Stars	Gerard Jasniewicz
C 30	Stellar Radial Velocity Bibliography	Orlando Hugo Levato
C 34	Astrochemistry	Thomas J. Millar
C 34	Planetary Nebulae	Letizia Stanghellini
C 40	Astrophysically Important Spectral Lines	Masatoshi OHISHI
C 40	Historic Radio Astronomy	Kenneth I. Kellermann
C 40	The Radio Astronomy Definition of Continuum Flux Density in Broad-Band SED Observations	Ronald D. Ekers
C 41	Archaeoastronomy and Astronomy in Culture	Raymond P. Norris
C 41	Archives	Ileana Chinnici
C 41	Astronomy and World Heritage	Gudrun B. E. Wolfschmidt
C 41	Historical Instruments	Yunli Shi
C 41	Johannes Kepler	Terence J. Mahoney
C 41	Transits of Venus	Wayne Orchiston
C 46	The IAU Dictionary of Astronomical Concepts	Mohammad Heydari-Malayeri
C 55	CAP Conferences	Ian E. Robson
C 55	CAP Journal	Sarah Jane Reed
C 55	Communicating Heliophysics	Carine Briand
C 55	New Media	Pamela L. Gay
C 55	New Ways of CAP	Michael John West
C 55	Outreach Professionalization & Accreditation	Richard Tresch Fienberg
C 55	Public Outreach Information Management	Pedro Russo
C 55	Washington Charter For CAP	Dennis Crabtree

Executive Committee Working Groups

<i>Commission</i>	<i>Working Group Name</i>	<i>Chair</i>
C4,C7,C8,C16,C20	Natural Planetary Satellites	Jean-Eudes Arlot

<i>Working Group Name</i>	<i>Chair</i>
IAU General Assemblies	
International Year of Light: Cosmic Light	Richard F. Green
Public Naming of Planets and Planetary Satellites	Thierry Montmerle
Women in Astronomy	Francesca Primas

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:
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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 Sci-
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Hoffman Lab 209
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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
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BP 4229
06304 - Nice Cedex 4
France

Vice-President:

Cristian Beaugé
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Laprida 854
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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
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Astrometry Department
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United States

Vice-President:

Anthony G.A. Brown
Leiden University
Leiden Observatory
PO Box 9513
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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
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Solar and Astrophysics Laboratory
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Vice-President:

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Commission 12 - Solar Radiation & Structure

President:

Gianna Cauzzi
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50125 - Firenze
Italy

Vice-President:

Nataliia Gennadiievna Shchukina
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Commission 14 - Atomic & Molecular Data

President:

Lyudmila I. Mashonkina
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119017 - Moscow
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United States

Organizing Committee Members:

France Allard (France), Paul S. Barklem (Sweden), Helen J. Fraser (United Kingdom), Gillian Nave (United States), Peter Beiersdorfer (United States), Hampus Nilsson (Sweden)

Commission 15 - Physical Study of Comets & Minor Planets**President:**

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Vice-President:

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Commission 16 - Physical Study of Planets & Satellites**President:**

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Sang Joon KIM (Korea, Rep of), Leonid V. Ksanfomality (Russian Federation), Luisa M. Lara (Spain), David Morrison (United States), Victor G. Tejfel (Kazakhstan), Padma A. Yanamandra-Fisher (United States)

Commission 19 - Rotation of the Earth

President:

Cheng-Li Huang
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China Nanjing

Vice-President:

Richard Gross
Jet Propulsion Laboratory
Geodynamics and Space Geodesy Group
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Secretary:

Florian Seitz
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Commission 20 - Positions & Motions of Minor Planets, Comets & Satellites

President:

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Vice-President:

Daniela Lazzaro
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Commission 21 - Galactic and Extragalactic Background Radiation

President:

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 560 034 - Bangalore
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Vice-President:

Jayant Murthy
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Commission 22 - Meteors, Meteorites & Interplanetary Dust

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Vice-President:

Jiří Borovička
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Secretary:

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Jin ZHU (China, Nanjing), Galina O. Ryabova (Russian Federation), Shinsuke ABE (Japan), Diego Janches (United States), Masateru ISHIGURO (Korea, Rep of), Jérémie J. Vaubailion (France), Guy Joseph Consolmagno (Vatican City State)

Commission 25 - Astronomical Photometry and Polarimetry

President:

Alistair Walker
 AURA/CTIO/NOAO

Vice-President:

Casilla 603
 La Serena
 Chile

Vice-President:

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Organizing Committee Members:

Wen Ping CHEN (China, Taipei), J. Allyn Smith (United States), Steve B. Howell (United States), Kevin Volk (United States), Antonio Mario Magalhaes (Brazil), Barbara J. Anthony-Twarog (United States), Jens Kirkeskov Knude (Denmark), Donald W. Kurtz (United Kingdom), John W. Menzies (South Africa), W. Schoeneich (Germany)

Commission 26 - Double & Multiple Stars**President:**

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United States

Vice-President:

Yurij Yu Balega
Special Astrophysical Observatory RAS
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Bo Reipurth (United States), Andrei A. Tokovinin (Chile), Patricia J C Lampens (Belgium), Jose-Angel Docobo (Spain), Vakhtang S. Tamazian (Spain), Marco Scardia (Italy), Frédéric Arenou (France), Edouard Oblak (France), Theo A. ten Brummelaar (United States)

Commission 27 - Variable Stars**President:**

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Vice-President:

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Organizing Committee Members:

Klaus G. Strassmeier (Germany), Dennis Stello (Australia), S. O. Kepler (Brazil), Saskia Hekker (Germany), Katrien Uytterhoeven (Spain), Katrien Kolenberg (Belgium), David E. Mkrtichian (Thailand), Laurent Eyser (Switzerland), Márcio Catelan (Chile)

Commission 28 - Galaxies

President:

John S. Gallagher III
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D A	Multi-waveband Realisations of International Celestial Reference System	François Mignard	
D A	Numerical Standards in Fundamental Astronomy (NSFA)	Brian Luzum	
D A	Standards of Fundamental Astronomy (SOFA)	C. Y. Hohenkerk	
D A	Third Realisation of International Celestial Reference Frame	Patrick Charlot	
D B	Time Domain Astronomy	Rob Seaman	
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CB7,CC4	Windows to the Universe: High-Mountain Observatories, and Other Astronomical Sites of the Late 20th and Early 21st Centuries	Robert C. Smith
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