

## CHAPTER IX

### DIVISIONS, COMMISSIONS, & WORKING GROUPS (until 31 August 2012)

NOTE. This chapter gives the main IAU scientific bodies (Division, Commissions and their Working Groups) in force until the end of the XVIIIth General Assembly. As a result of the adoption of Resolution B4 by this Assembly, a new Divisional structure was established (see Chapters II and IV of these *Transactions*), to take effect on 1 September 2012.

The Organizing Committee of each Division is given, followed by the list of Commissions affiliated to this Division and their respective Working Groups.

The members of the terminated Divisions and their Commissions are listed in the following Chapters (X and XI respectively).

### Division I Fundamental Astronomy

**President:**

Dennis D. McCarthy  
2432 Riviera Drive  
22181, Vienna, Virginia  
United States

**Vice-President:**

Sergei A. Klioner  
Technische Universität Dresden  
Lohrmann Observatory  
Mommsenstr 13  
01062, Dresden  
Germany

**Organizing Committee Members:**

Dafydd Wyn Evans (United Kingdom), Catherine Y. Hohenkerk (United Kingdom), Mizuhiko HOSOKAWA (Japan), Cheng-Li Huang (China Nanjing), George H. Kaplan (United States), Zoran Knežević (Serbia, Republic of), Richard N. Manchester (Australia), Alessandro Morbidelli (France), Gérard Petit (France), Harald Schuh (Germany), Michael H. Soffel (Germany), Jan Vondrák (Czech Republic), Norbert Zacharias (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 II Sun & Heliosphere

### President:

Valentin Martínez Pillet  
National Solar Observatory  
3010 Coronal Loop  
88349 , Sunspot, NM  
United States

### Vice-President:

James A. Klimchuk  
NASA  
Goddard Space Flight Center  
Solar Physics Laboratory  
Code 671  
MD 20771, Greenbelt  
United States

### Organizing Committee Members:

Gianna Cauzzi (Italy), Natchimuthuk Gopalswamy (United States), Alexander Kosovichev (United States), Ingrid Mann (Sweden), Karel Schrijver (United States), Lidia van Driel-Gesztelyi (United Kingdom)

### Commissions:

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

## Division III Planetary Systems Sciences

### President:

Karen J. Meech  
University of Hawaii Honolulu  
Institute of Astronomy  
2680 Woodlawn Drive  
HI 96822, Honolulu  
United States

### Vice-President:

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

### Organizing Committee Members:

Dominique Bockelée-Morvan (France), Alan Paul Boss (United States), Alberto Cellino (Italy), Guy Joseph Consolmagno (Vatican City State), Julio Angel Fernández (Uruguay), William M. Irvine (United States), Daniela Lazzaro (Brazil), Patrick Michel (France), Keith S. Noll (United States), Rita M. Schulz (Netherlands), Jun-ichi WATANABE (Japan), Makoto YOSHIKAWA (Japan), Jin ZHU (China Nanjing),

### Commissions:

Commission 15 Physical Studies 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

## Division IV Stars

### President:

Christopher Corbally  
Specola Vaticana  
Steward Observatory-Vatican Observatory  
Research Group  
00120, Città del Vaticano  
Vatican City State

### Vice-President:

Francesca D'Antona  
INAF  
Osservatorio Astronomico di Roma  
Via Frascati 33  
Monte Porzio Catone  
00040, Roma  
Italy

### Organizing Committee Members:

Martin Asplund (Australia), Corinne Charbonnel (Switzerland), Jose-Angel Docobo (Spain), Richard O. Gray (United States), Nikolai E. Piskunov (Sweden)

### Commissions:

Commission 26 Double & Multiple Stars  
Commission 29 Stellar Spectra  
Commission 35 Stellar Constitution  
Commission 36 Theory of Stellar Atmospheres  
Commission 45 Stellar Classification

## Division V Variable Stars

### President:

Steven D. Kawaler  
Iowa State University  
Department of Physics and Astronomy  
A323 Zaffarano Hall  
IA 50011-3160, Ames  
United States

### Vice-President:

Ignasi Ribas  
Institut de Ciències de l'Espai  
IEEC-CSIC  
Cami de Can Magrans, s/n  
08193, Bellaterra, Barcelona  
Spain

### Organizing Committee Members:

Michel Breger (United States), Edward F. Guinan (United States), Gerald Handler (Poland), Slavek M. Rucinski (Canada)

### Commissions:

Commission 27 Variable Stars  
Commission 42 Close Binary Stars

## Division VI Interstellar Matter

### President:

You-Hua Chu  
Academia Sinica  
Institute of Astronomy and Astrophysics  
11F of Astronomy-Mathematics Building  
No.1, Sec. 4, Roosevelt Rd.

10617, Taipei  
China Taipei

**Vice-President:**

Sun Kwok  
 University of Hong Kong  
 Faculty of Science  
 Chong Yuet Ming Physics Bldg

Pokfulam Rd  
 Hong Kong  
 China Nanjing

**Organizing Committee Members:**

Dieter Breitschwerdt (Germany), Michael G. Burton (Australia), Sylvie Cabrit (France), Paola Caselli (Italy), Elisabete M. de Gouveia Dal Pino (Brazil), Neal J. Evans (United States), Thomas Henning (Germany), Mika J. Juvela (Finland), Bon-Chul KOO (Korea, Rep of), Michal Różycka (Poland), Laszlo Viktor Tóth (Hungary), Masato TSUBOI (Japan), Ji YANG (China Nanjing)

**Commissions:**

Commission 34 Interstellar Matter

**Division VII Galactic System****President:**

Despina Hatzidimitriou  
 University of Athens  
 Department of Physics  
 Panepistimiopolis  
 Zografos  
 157 84, Athens  
 Greece

**Vice-President:**

Rosemary F. Wyse  
 Johns Hopkins University  
 Physics-Astronomy Department CAS  
 Charles and 34th Str  
 MD 21218-2686, Baltimore  
 United States

**Organizing Committee Members:**

Giovanni Carraro (Chile), Bruce G. Elmegreen (United States), Birgitta Nordström (Denmark)

**Commissions:**

Commission 33 Structure & Dynamics of the Galactic System  
 Commission 37 Star Clusters & Associations

**Division VIII Galaxies & the Universe****President:**

Elaine M. Sadler  
 University of Sydney  
 School of Physics A28  
 NSW 2006, Sydney  
 Australia

**Vice-President:**

Françoise Combes  
 Observatoire de Paris

LERMA  
 61 Av de l'Observatoire  
 Bat. A  
 75014 Paris  
 France

**Organizing Committee Members:**

Roger L. Davies (United Kingdom), John S. Gallagher III (United States), Thanu Padmanabhan (India)

**Commissions:**

Commission 28 Galaxies  
Commission 47 Cosmology

**Division IX Optical & Infrared Techniques****President:**

Andreas Quirrenbach  
Universität Heidelberg  
Landessternwarte  
Königstuhl 12  
69117, Heidelberg  
Germany

**Vice-President:**

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

**Organizing Committee Members:**

Michael G. Burton (Australia), Xiangqun Cui (China Nanjing), Ian S. McLean (United States), Eugene F. Milone (Canada), Jayant Murthy (India), Stephen T. Ridgway (United States), Gražina Tautvaišene (Lithuania), Andrei A. Tokovinin (Chile), Guillermo Torres (United States)

**Commissions:**

Commission 24 Galactic & Extragalactic Background Radiation  
Commission 25 Stellar Photometry & Polarimetry  
Commission 30 Radial Velocities  
Commission 54 Optical & Infrared Interferometry

**Division X Radio Astronomy****President:**

A. Russell Taylor  
University of Calgary  
Department of Physics and Astronomy  
2500 University Dr NW  
AB T2N 1N4, Calgary  
Canada

**Vice-President:**

Jessica Mary Chapman  
CSIRO Astronomy and Space Science  
PO Box 76  
NSW 1710, Epping  
Australia

**Organizing Committee Members:**

Christopher L. Carilli (United States), Gabriele Giovannini (Italy), Richard E. Hills (United Kingdom), Hisashi HIRABAYASHI (Japan), Justin L. Jonas (South Africa), Joseph Lazio (United States), Raffaella Morganti (Netherlands), Ren-Dong NAN (China Nanjing), Monica Rubio (Chile), Prajval Shastri (India)

**Commissions:**

Commission 40 Radio Astronomy

## Division XI Space & High Energy Astrophysics

### President:

Christine Jones  
Harvard Smithsonian  
Center for Astrophysics  
High Energy Astrophysics Division  
MS 2  
60 Garden Str  
MA 02138-1516, Cambridge  
United States

### Vice-President:

Noah Brosch  
Tel Aviv University  
Department of Physics & Astronomy  
Wise Observatory  
Ramat Aviv  
PO Box 39040  
69978, Tel Aviv  
Israel

### Organizing Committee Members:

Matthew G. Baring (United States), Martin Adrian Barstow (United Kingdom), João Braga (Brazil), Eugene M. Churazov (Russian Federation), Jean Eilek (United States), Hideyo KUNIEDA (Japan), Jayant Murthy (India), Isabella Pagano (Italy), Marco Salvati (Italy), Kulinder Pal Singh (India), Diana Mary Worrall (United Kingdom)

### Commissions:

Commission 44 Space & High Energy Astrophysics

## Division XII Union-Wide Activities

### President:

Françoise Genova  
Observatoire Astronomique de Strasbourg  
Centre de Données astronomiques de Strasbourg (CDS)  
11 rue de l'Université  
67000, Strasbourg  
France

### Vice-President:

Raymond P. Norris  
CSIRO/ATNF  
PO Box 76  
NSW 1710, Epping  
Australia

### Organizing Committee Members:

Dennis Crabtree (Canada), Olga B. Dluzhnevskaya (Russian Federation), Masatoshi OHISHI (Japan), Rosa M. Ros (Spain), Clive L.N. Ruggles (United Kingdom), Nikolay N. Samus (Russian Federation), Xiaochun Sun (China Nanjing), Virginia Trimble (United States), Wim van Driel (France), Glenn Michael Wahlgren (United States)

### Commissions:

Commission 5 Documentation & Astronomical Data  
Commission 6 Astronomical Telegrams  
Commission 14 Atomic & Molecular Data  
Commission 41 History of Astronomy  
Commission 46 Astronomy Education & Development  
Commission 50 Protection of Existing & Potential Observatory Sites  
Commission 55 Communicating Astronomy with the Public

## Division Working Groups

<i>Division</i>	<i>Working Group Name</i>	<i>Chair</i>
DI	Astrometry by Small Ground-Based Telescopes	M. Assafin
DI	Numerical Standards in Fundamental Astronomy	B. Luzum
DII	Comparative Solar Minima	S. Gibson
DII	International Collaboration on Space Weather	D. F. Webb
DII	International Data Access	R. D. Bentley
DII	Solar Eclipses	J. M. Pasachoff
DIII	Near Earth Objects	A. W. Harris
DIII	Planetary System Nomenclature (WGPSN)	R. M. Schulz
DIII	Small Bodies Nomenclature (SBN)	J. Tichá
DIV	Abundances in Red Giants	J. C. Lattanzio
DIV	Massive Stars	Artemio Herrero Davó
DVII	Galactic Center	J. Lazio
DVIII	Supernovae	W. Hillebrandt
DIX	Site Testing Instruments	A. A. Tokovinin
DIX	Sky Surveys	Q. A. Parker
DX	Interference Mitigation	W. A. Baan
DXI	Particle Astrophysics	R. Schlickeiser

## Inter-Division Working Groups

<i>Divisions</i>	<i>Working Group Name</i>	<i>Chair</i>
DI-III	Cartographic Coordinates & Rotational Elements	B. A. Archinal
DIV-V	Active B Stars	C. E. Jones
DIV-V	Ap & Related Stars	G. Mathys
DIX-X	Encouraging the International Development of Antarctic Astronomy	M. G. Burton
DIX-X-XI	Astronomy from the Moon	H. D. Falcke
DX-XII	Historic Radio Astronpeditomy	K. I. Kellermann

## Inter-Commission Working Group

<i>Commissions</i>	<i>Working Group Name</i>	<i>Chair</i>
C4, C7, C8, C16, C20	Natural Planetary Satellites	J.-E. Arlot

## Commission Working Groups

<i>Commission</i>	<i>Working Group Name</i>	<i>Chair</i>
C5	TG On Preservation & Digitization of Photographic Plates	R. E. Griffin
C5	Astronomical Data	R. P. Norris
C5	Designations	M. Schmitz
C5	FITS	L. Chiappetti
C5	Libraries	M. Bishop; R. Hanisch
C5	Virtual Observatories, Data Centers & Networks	R. J. Hanisch
C12	Coordination of Synoptic Observations of the Sun	A. A. Pevtsov
C14	Atomic Data	G. Nave
C14	Collision Processes	M. S. Dimitrijevic
C14	Molecular Data	J. H. Black
C14	Solids & Their Surfaces	G. Vidali
C15	TG On Asteroid Magnitudes	R. A. Gil-Hutton
C15	TG On Asteroid Polarimetric Albedo Calibration	R. A. Gil-Hutton
C15	TG On Cometary Magnitudes	G. Tancredi
C15	Physical Studies of Asteroids	R. A. Gil-Hutton
C15	Physical Studies of Comets	D. C. Boice
C22	Meteor Shower Nomenclature	T. J. Jopek
C22	Professional-Amateur Cooperation in Meteors	D. V. Koschny
C26	Catalog of Orbital Elements of Spectroscopic Binary Systems	D. Pourbaix
C26	Maintenance of the Visual Double Star Database	W. I. Hartkopf
C30	Radial-Velocity Standard Stars	G. Jasniewicz
C30	Stellar Radial Velocity Bibliography	O. H. Levato
C34	Astrochemistry	T. J. Millar
C34	Planetary Nebulae	A. Machado
C40	Astrophysically Important Spectral Lines	M. OHISHI
C40	Historic Radio Astronomy	K. I. Kellermann
C41	Archives	I. Chinnici
C41	Astronomy and World Heritage	C. L. N. Ruggles
C41	Historical Instruments	L. Pigatto
C41	Johannes Kepler	T. J. Mahoney
C41	Transits of Venus	S. J. Dick
C50	Controlling Light Pollution	R. F. Green
C55	CAP Conferences	I. E. Robson
C55	CAP Journal	G. R. Bladon
C55	Communicating Heliophysics	C. Briand
C55	New Ways of CAP	M. J. West
C55	Washington Charter for CAP	Dennis Crabtree

## Executive Committee Working Groups

<i>Working Group Name</i>	<i>Chair</i>
IAU General Assemblies	Daniela Lazzaro
Future Large Scale Facilities	Roger L. Davies
Women in Astronomy	Sarah Maddison