

## CHAPTER VIII

### THIRTY-FIRST GENERAL ASSEMBLY

#### DIVISIONS, COMMISSIONS, AND WORKING GROUPS

##### DIVISIONS

The 9 scientific Divisions are the soul of the Union. They represent the grass roots efforts of the Union and encompass every branch of the astronomical endeavour. Divisions may have Commissions, and Divisions and Commissions may have Working Groups.

Division A: Fundamental Astronomy

Division B: Facilities, Technologies and Data Science

Division C: Education, Outreach and Heritage

Division D: High Energy Phenomena and Fundamental Physics

Division E: Sun and Heliosphere

Division F: Planetary System and Astrobiology

Division G: Stars and Stellar Physics

Division H: Interstellar Matter and Local Universe

Division J: Galaxies and Cosmology

The following provides the Division leadership as well as the Commissions and Working Groups.

##### 1. Division A - Fundamental Astronomy

This Division has one inter-division and one cross-division Commissions, and two inter-divisional Working Groups.

**President:** Daniel Hestroffer

**Vice-President:** Norbert Zacharias

Its steering committee is composed by the following members of the Union:

Elisa Arias

Alessandra Celletti (Commission A4 President)

William Folkner (Commission X2 President)

Ralph Gaume

James Hilton (Commission A3 President)

Anne Lemaitre

Andrzej Maciejewski

Benoît Noyelles (Secretary)

Fernando Roig

Florian Seitz (Commission A2 President)  
Jean Souchay (Commission A1 President)  
Bonnie Steves

### Commissions

A1 Astrometry  
A2 Rotation of the Earth  
A3 Fundamental Standards  
A-F Celestial Mechanics and Dynamical Astronomy  
A-F Solar System Ephemerides

### Working Groups

Astrometry by Small Ground-Based Telescopes  
Multi-waveband International Celestial Reference Frame (optical+VLBI)  
Standards of Fundamental Astronomy (SOFA)  
Time Metrology Standards  
A-F Cartographic Coordinates & Rotational Elements  
A-F Near Earth Objects

## 2. Division B - Facilities, Technologies and Data Science

This Division has two inter-division Commissions, and one inter-divisional Working Group.

**President:** Michael Burton

**Vice-President:** Gabriele Giovannini

Its steering committee is composed by the following members of the Union:

Anthony Beasley (Commission B4 President)  
Dmitrij Bisikalo (Commission B1 President)  
Helen Fraser (Commission B5 President)  
Ana Gomez de Castro  
Antonio Mario Magalhaes (Commission B6 President)  
Anja Schroeder (Commission B2 President)  
Prajval Shastri (Commission B3 President)  
Wenwu TIAN  
Pietro Ubertini (Advisor)  
Jan van der Hulst  
Constance Walker (Commission B7 President)  
Yongtian ZHU

### Commissions

B1 Computational Astrophysics  
B2 Data and Documentation  
B3 Astroinformatics and Astrostatistics  
B4 Radio Astronomy  
B5 Laboratory Astrophysics  
B6 Astronomical Photometry and Polarimetry  
B7 Protection of Existing and Potential Observatory Sites

**Working Groups**

Time Domain Astronomy  
 UV Astronomy  
 Virtual Observatory  
 B-E Coordination of Synoptic Observations of the Sun

**3. Division C - Education, Outreach and Heritage**

This Division has one inter-division Commission, and one inter-divisional Working Group.

**President:** Susana Deustua

**Vice-President:** Richard de Grijs

Its steering committee is composed by the following members of the Union:

Paulo Bretones (Commission C1 President)  
 Richard Fienberg (Commission C2 President)  
 Pamela Gay  
 R. Elizabeth Griffin  
 Saeko HAYASHI (Secretary)  
 Mary Hemenway (Advisor)  
 Katrien Kolenberg  
 Wayne Orchiston  
 Mirjana Povic  
 José M. Rodriguez Espinosa  
 Gudrun Wolfschmidt (Commission C4 President)

**Commissions**

C1 Astronomy Education and Development  
 C2 Communicating Astronomy with the Public  
 C3 History of Astronomy  
 C4 World Heritage and Astronomy

**Working Groups**

Key Initiatives in Education, Outreach and Development  
 Star Names  
 C, E Solar Eclipses

**4. Division D - High Energy Phenomena and Fundamental Physics**

This Division has one cross- and one inter-divisional Commissions.

**President:** Elena Pian

**Vice-President:** Isabelle Grenier

Its steering committee is composed by the following members of the Union:

Aya BAMBA  
 Matthew Baring  
 Dipankar Bhattacharya  
 Marica Branchesi (Commission D1 President)  
 Tadayasu DOTANI

Christine Jones (Commission X1 President)  
Chryssa Kouveliotou (Advisor)  
Anna Watts mittee Member (Secretary)  
Silvia Zane

### Commissions

D1 Gravitational Wave Astrophysics  
D-J Supermassive Black Holes, Feedback and Galaxy Evolution  
D-G-H-J Galaxy Spectral Energy Distributions

### Working Groups

Supernovae

## 5. Division E - Sun and Heliosphere

This Division has one inter-division Commission, and two inter-divisional Working Groups.

**President:** Sarah Gibson

**Vice-President:** Cristina Mandrini

Its steering committee is composed by the following members of the Union:

Timothy Bastian  
Paul Cally (Commission E2 President)  
Mingde DING (Secretary)  
Irina Kitiashvili  
Eduard Kontar  
Alexander Kosovichev (Commission E1 President)  
Toshifumi SHIMIZU  
Nandita Srivastava  
Nicole Vilmer (Commission E3 President)  
Yihua YAN (Advisor)

### Commissions

E1 Solar Radiation and Structure  
E2 Solar Activity  
E3 Solar Impact Throughout the Heliosphere  
E-F-G Impact of Magnetic Activity on Solar and Stellar Environments

### Working Groups

B-E Coordination of Synoptic Observations of the Sun  
C-E Solar Eclipses

## 6. Division F - Planetary System and Astrobiology

This Division has one cross- and one inter-divisional Commissions and two inter-divisional Working Groups.

**President:** Gonzalo Tancredi

**Vice-President:** Maria Barucci

Its steering committee is composed by the following members of the Union:

Athena Coustenis  
Hans Deeg  
Sylvio Ferraz-Mello  
Nader Haghighipour Advisor  
Kevin Heng  
Diego Janches (Commission F1 President)  
Jack Lissauer (Commission F2 President)  
Masatoshi OHISHI (Commission F3 President)  
Jean Schneider  
Giovanni Valsecchi (Commission X2 Vice-President)  
Dimitri Veras

### Commissions

F1 Meteors, Meteorites and Interplanetary Dust  
F2 Exoplanets and the Solar system  
F3 Astrobiology  
F4 Asteroids, Comets & Transneptunian Objects  
E-F-G Impact of Magnetic Activity on Solar and Stellar Environments  
A-F Solar System Ephemerides

### Working Groups

A-F Cartographic Coordinates & Rotational Elements  
A-F Near Earth Objects

## 7. Division G - Planetary System and Astrobiology

This Division has four inter-divisional Commissions and three Working Groups.

**President:** David Soderblom

**Vice-President:** Andrej Prsa

Its steering committee is composed by the following members of the Union:

Carlos Allende Prieto (Commission G5 President)  
Tabetha Boyajian (Secretary)  
Merieme Chadid  
Corinne Charbonnel (Advisor)  
Pierre Kervella  
Heidi Korhonen  
Jaymie Matthews (Commission G4 President)  
Geraldine Peters  
Marc Pinsonneault (Commission G3 President)  
Virginia Trimble (Commission G1 President)  
Jorick Vink (Commission G2 President)

### Commissions

G1 Binary and Multiple Star Systems  
G2 Massive Stars

G3 Stellar Evolution  
 G4 Pulsating Stars  
 G5 Stellar and Planetary Atmospheres  
 E-F-G Impact of Magnetic Activity on Solar and Stellar Environments

### Working Groups

Active B Stars  
 Ap & Related Stars  
 Red Giants & Supergiants

## 8. Division H - Interstellar Matter and Local Universe

This Division has four inter-divisional Commissions one Working Group.

**President:** Leonardo Testi

**Vice-President:** Monica Rubio

Its steering committee is composed by the following members of the Union:

Pauline Barmby  
 Edwin Bergin (Commission H2 President)  
 Cristina Chiappini  
 Edvige Corbelli  
 Bruce Elmegreen (Advisor)  
 Amanda Karakas (Commission H4 President)  
 Francisca Kemper  
 Dante Minniti (Commission H1 President)  
 Eva Schinnerer  
 Laszlo Toth  
 Albert Zijlstra (Commission H3 President)

### Commissions

H1 The Local Universe  
 H2 Astrochemistry  
 G-H Planetary Nebulae  
 G-H-J Stellar Clusters throughout Cosmic Space and Time  
 D-G-H-J Galaxy Spectral Energy Distributions  
 B-H-J Intergalactic Medium

### Working Groups

The Galactic Center

## 9. Division J - Galaxies and Cosmology

This Division has one cross- and three inter-divisional Commissions.

**President:** Denis Burgarella

**Vice-President:** Kim-Vy Tran

Its steering committee is composed by the following members of the Union:

Gustavo Bruzual  
 Elisabete da Cunha

Valentina D'Odorico (Commission J2 President)  
 Leslie Hunt  
 Christine Jones (Commission X1 President)  
 Johan Knapen  
 Claus Leitherer (Advisor)  
 Jeremy Mould  
 Cristina Popescu (Commission J1 President)  
 Aida Wofford

### Commissions

J3 Galaxies at the Epoch of Reionisation  
 D-J Supermassive Black Holes, Feedback and Galaxy Evolution  
 G-H-J Stellar Clusters throughout Cosmic Space and Time  
 D-G-H-J Galaxy Spectral Energy Distributions  
 B-H-J Intergalactic Medium

### 10. Executive Committee Working Groups

Astronomy for Equity and Inclusion  
 Dark and Quiet Sky Protection  
 Exoplanetary System Nomenclature (Functional)  
 Global Coordination of Ground and Space Astrophysics  
 Junior Members  
 Planetary System Nomenclature (WGPSN) (Functional)  
 Professional-Amateur Relations in Astronomy  
 Small Bodies Nomenclature (SBN) (Functional)  
 Women in Astronomy

### 11. Commission Working Groups

Consistent Realization of TRF, CRF and EOP (CRTCE) Commission A2  
 Improving Theories and Models of the Earth's Rotation (ITMER) Commission A2  
 Designations & Nomenclature Commission B2 (Functional)  
 FITS Commission B2 (Functional)  
 Preservation and Digitization of Photographic Plates Commission B2 (Functional)  
 Global VLBI Alliance Commission B4  
 Spectroscopic and Radiative Data for Molecules Commission B5  
 Astronomy from the Moon Commission B7  
 Site Protection Commission B7  
 Astronomy Competitions for Secondary School Students Commission C1  
 Astronomy Education Research & Methods Commission C1  
 CAP Conferences Commission C2 (Functional)  
 Communicating Climate Change Through Astronomy Commission C2  
 Astronomical Heritage in Danger Commission C4  
 Windows to the Universe: Classical and Modern Observatories Commission C4  
 Meteor Shower Nomenclature (MSN-WG) Commission F1

### 12. Inter-Commission Working Groups

Laboratory Astrophysics Data Compilation, Validation and Standardization: from the Laboratory to FAIR Usage in the Astronomical Community Commission B2, Commission B5

Historical Radio Astronomy (Inter-Union IAU-URSI) Commission B4, Commission C3 (Functional)

Astronomy in Culture (WGAC) Commission C1, Commission C2, Commission C3, Commission C4

Ethnoastronomy and Intangible Astronomical Heritage Commission C1, Commission C3, Commission C4