



IAU Commission E.2(Solar Activity) President's Report 2015-2018

Lyndsay Fletcher (President)

Remit:

Magnetic structures, including subphotospheric drivers responsible for transient behaviour

Activity, including flares and ejections, as "inner boundary" for space weather

Coronal and chromospheric heating and dynamics events on large & small scales

E.2 Is a kind of "interface" between E.1 and E.3

IAU Commission E2 2015-2018

Membership: 187

This reduced from **657** following the 2015 commission restructuring – please sign up if you have not already. email iauinfos@iap.fr

Organizing Committee

Lyndsay Fletcher, President (UK)

Paul Cally, Vice-President (Australia)

Philippa Browning (UK)

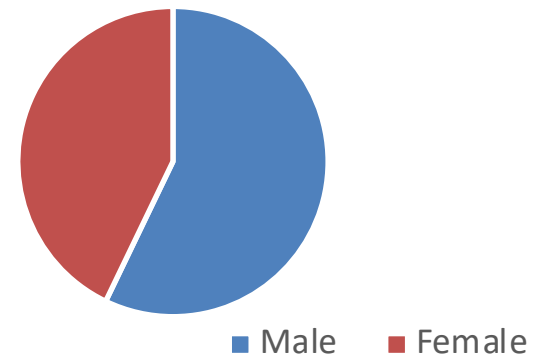
Jongchul Chae (S. Korea)

Manolis Georgoulis (Greece)

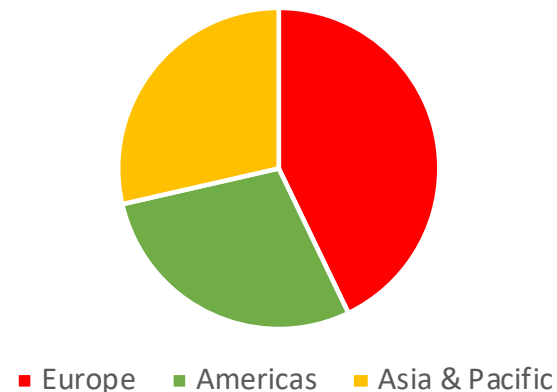
Karel Schrijver (USA)

Amy Winebarger (USA)

Gender



Geographical Distribution



Activities

- Solicited, reviewed and endorsed IAU Symposium, Special Session, and Joint Discussion proposals, and offered advice to the proposers.
- Actively participated in the organisation of IAU meetings
- Advised on continuing/discontinuing IAU Division E Working Groups
- Advised on the status of Division E IAU Associates
- Contributed to PhD prize assessment
- Wrote the C.E2 Triennial Report
- Solicited candidates for election for the next triennium 2015-2018

Involvement with IAU meetings

The OC of Commission E2 is responsible for soliciting, reviewing (providing advice and feedback) and ranking relevant proposals for IAU meetings.

Meetings from **Sept 2015 - Aug 2018** with Commission E2 support:

XXX IAU GA FM 9 – Solar Irradiance: Physics-Based Advances (Aug 2018, Vienna, Austria)

IAUS340 – Long-term datasets for the understanding of solar and stellar magnetic cycles (Feb 2018, Jaipur, India)

IAUS335 – Space Weather of the Heliosphere: Processes and Forecasts (July 2017, Exeter, UK)

IAUS328 – Living around active stars (Oct 2016, Maresias, Brazil)

IAUS327 – Fine structure and dynamics of the solar atmosphere (Oct 2016, Cartagena de Indias, Colombia)

Upcoming

IAUS 354 – Solar and Stellar Magnetic Fields: Origins and Manifestations (June 30-July 6 2019, La Serena, Chile)

LOIs for 2020 Symposia

Deadline is September 15 2018

Submission of full proposals

Deadline is December 15 2018

Commission E2 reports

- Triennial report for 2015-2018
Fletcher et al. 2018, Trans IAU 30A <https://bit.ly/2P8bT4T>
- The final triennial “legacy report” for the old Commission C10 was published during the last triennium
Schrijver et al. 2016, Trans. IAU 29A, pp245-277

Historical lookback at C10 evolution (e.g. membership, activities)

Trends in the field – e.g. evolution of topics, community, resources (e.g. observatories, databases, HPC, publications..)

Current state of the field (circa 2015)

New Commission E2

President:

Paul S. Cally (Australia)

VP (elected):

Manolis K. Georgoulis (Greece)

At-large members (elected):

Ayumi Asai (Japan)

Hui Li (China, Nanjing)

R. T. James McAteer (United States)

Aimee A. Norton (United States)

Advisor (Past President):

Lyndsay Fletcher (UK)

50% turnout