

EMRP Division meeting

Convener: Angelo De Santis

Wed 11 Apr 2018, 12:15-13:15 / Room K1



Meetings | Publications | Outreach | www.egu.eu

1. Welcome by the Division President
2. Approval of the Agenda
3. Division Officers
4. Report on the Activities of EGU and the Division
5. EGU 2018 & EMRP
6. EMRP Medal Committees, Medallists, Awards
7. Early Career Scientists Activities
8. EGU Publications
9. Any other business

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Present EMRP Division officers (2017-2018)



President:	Angelo De Santis	INGV (Italy)
Vice-Presidents:	Pedro F. Silva	ISEL-IDL (Portugal)
	Sergio Vinciguerra	Univ. of Turin (Italy)
Secretary:	George Balasis	NOA (Greece)
ECS Representative:	Stephanie Zihms	Heriot-Watt Univ. (UK)

ECS= Early Career Scientists

President:	Angelo De Santis	INGV (Italy)
Deputy President:	Fabio Florindo	INGV (Italy)
Vice-Presidents:	Pedro F. Silva	ISEL-IDL (Portugal)
	Sergio Vinciguerra	Univ. of Turin (Italy)
Secretary:	George Balasis	NOA (Greece)
ECS Representative:	Anita Di Chiara	Lancaster Univ. (UK)



ECS= Early Career Scientists

Fabio Florindo who will act as **Deputy President** for the year 2018 and will become President in 2019 for a 2-year term



Stephanie Zihms (Heriot-Watt Univ., UK) is stepping down as Division ECS Representative to become the incoming Union-level ECS Representative



Anita Di Chiara (Lancaster Univ., UK) will be the new ECS Representative for the Division from the next two years



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4. Report on EGU and Division Activities

Main EGU Activities

- General Assembly and Conferences
- Publications
- Awards
- Outreach and Education



4. Report on EGU and Division Activities

EGU Executive Board

EGU President: Jonathan Bamber

Vice-President: Alberto Montanari

General Secretary : Håkan Svedhem

Treasurer: Patric Jacobs

Executive Secretary: Philippe Courtial

EGU Union Council: Executive Board + Division Presidents (22)

EMRP

email lists emrp@gfz-potsdam.de

How to be EMRP email [member](#) list?

Just send an email to

emrp-subscribe@gfz-potsdam.de

text and subject can be empty.

After that the subscriber gets an automatically generated request from the mailing list manager to confirm by replaying the mail to sender.

Awards Committee

Coordinates EGU medal committees and proposes medal recipients to the Council

Education Committee

Coordinates the EGU activities related to secondary and tertiary education

Finance Committee

Coordinates EGU finances and proposes budget to the Council

Nominations Committee

Oversees the various nomination processes related to EGU elections and awards and medals

Outreach Committee

Coordinates outreach activities as stipulated by By-Laws 1.5 and 1.6

Programme Committee

Coordinates the scientific programme of the General Assemblies including travel support

Publications Committee

Coordinates the EGU journals and other publications

Topical Events Committee

Coordinates activities related to topical meetings, conference series, workshops and training schools

Meetings Calendar

- A hub of information on conferences and workshops in the geosciences. Add your meeting at www.egu.eu/meetings/calendar/form

Co-Sponsoring Programme

- There are two opportunities to get your meeting sponsored: 1 Jun – 31 Jul 2018 & 1 Nov 2018 – 31 Dec 2018: www.egu.eu/meetings/support-request

Awards & Medals

- Nominations are open until 15 June www.egu.eu/awards-medals

Early Career Scientists

- Early Career Scientist [ECS] can find out how to get involved in the Union & benefit from our ECS resources at www.egu.eu/ecs

Jobs

- We advertise geoscientific jobs for free at www.egu.eu/jobs. Add yours, or look for a new position



EGU Galileo conferences e co-sponsored Meetings

EGU Galileo Conferences

The EGU Galileo conferences address well-focused cutting-edge topics at the frontier of geosciences research. The conferences are informal: the state-of-the-art is outlined in keynote presentations designed to trigger in-depth discussion of important aspects of the conference topic. EGU provides full organizational support to the EGU Galileo Conferences, thereby allowing Organizing Committees to focus on the scientific aspects of the conference.

Submission periods are usually from 1. December until end of February of the following year (3 months in total).

EGU Co-Sponsored Meetings

The EGU Meetings Programme is dedicated to the pursuit of progress in all areas of the Earth, planetary and space sciences through excellence in the organisation and running of [conference series](#), [topical meetings](#), [workshops](#) and [training schools](#) for the benefit of all scientists and with special attention to the needs of early career researchers. Occasionally, the EGU can sponsor [external meetings](#), helping organisers achieve financial stability, visibility, and/or access to a larger target community.

www.egu.eu/meetings

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European Geosciences Union General Assembly 2018

Vienna | Austria | 8-13 April 2018

EGU.eu



EGU General Assembly 2018 facts

As of 5 April (12:45), the Assembly 2018 provides:

- 17,323 papers in programme | -0.44% (2017)
- 4,776 orals | 11,128 posters | 1,419 PICOs | ratio 28 / 64 / 8
- 12,733 registrations in advance | +12.37% (2017)
- 666 unique scientific sessions | 68 short courses | 294 side events*
- 433 out of 666 scientific sessions are co-organized (65%)
- The 433 co-organized include 20 IE sessions with 459 presentations
- Original sessions: 1,355; 1,028 still active, 327 withdrawn
- Withdrawn: 309 scientific sessions, 7 SC, and 11 side events

*Side events include the programme groups ML, PCN, FAM, TSM, SEV, PC, PPAA



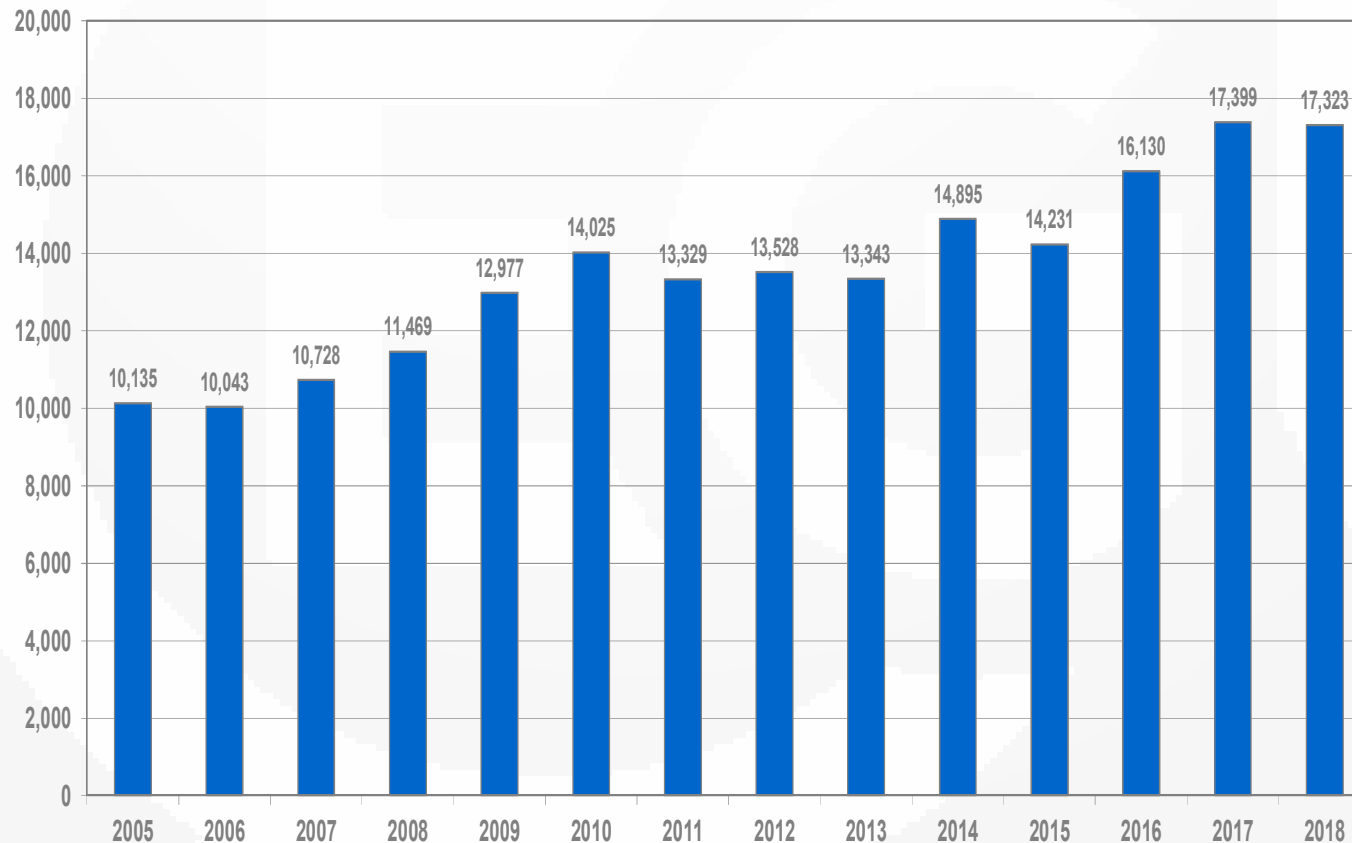
European Geosciences Union General Assembly 2018

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Papers in programme 2005–2018





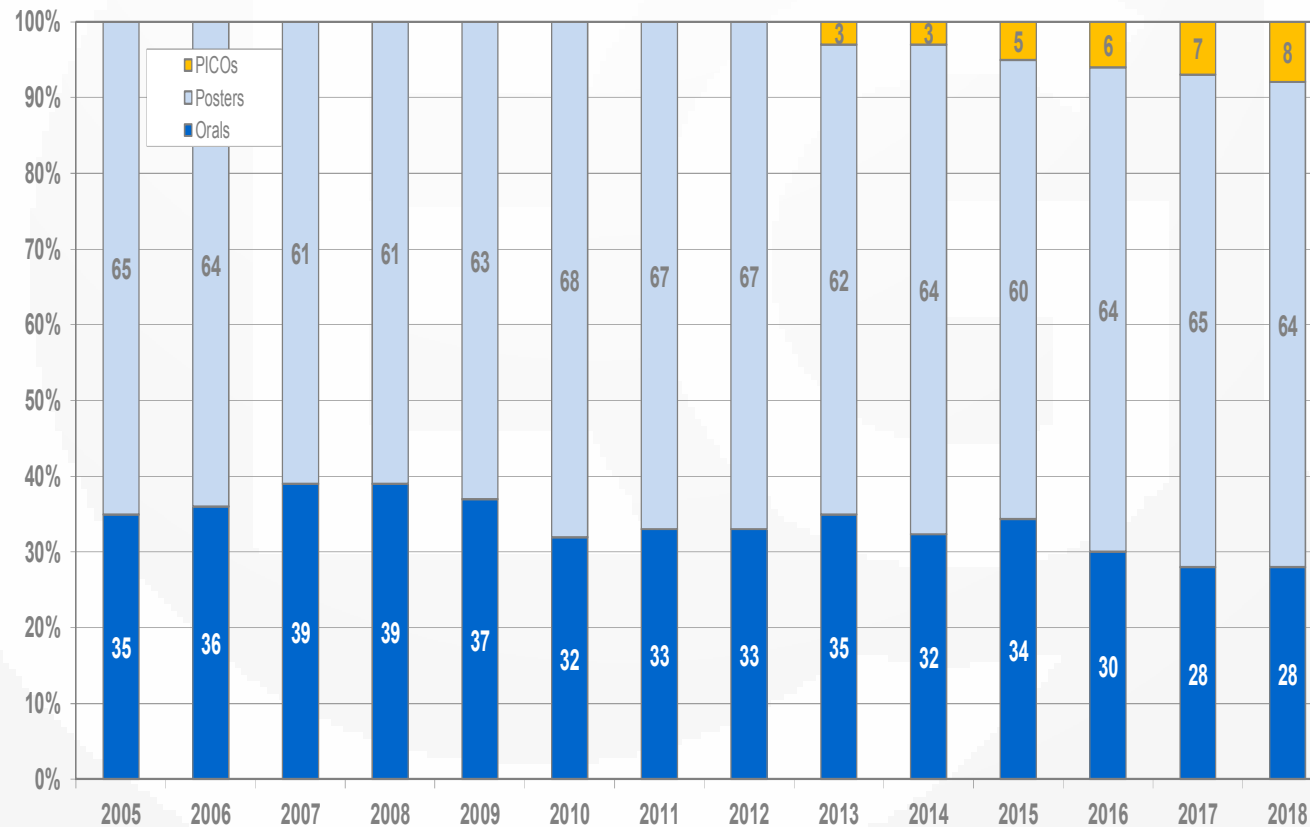
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Presentation ratio 2005–2018





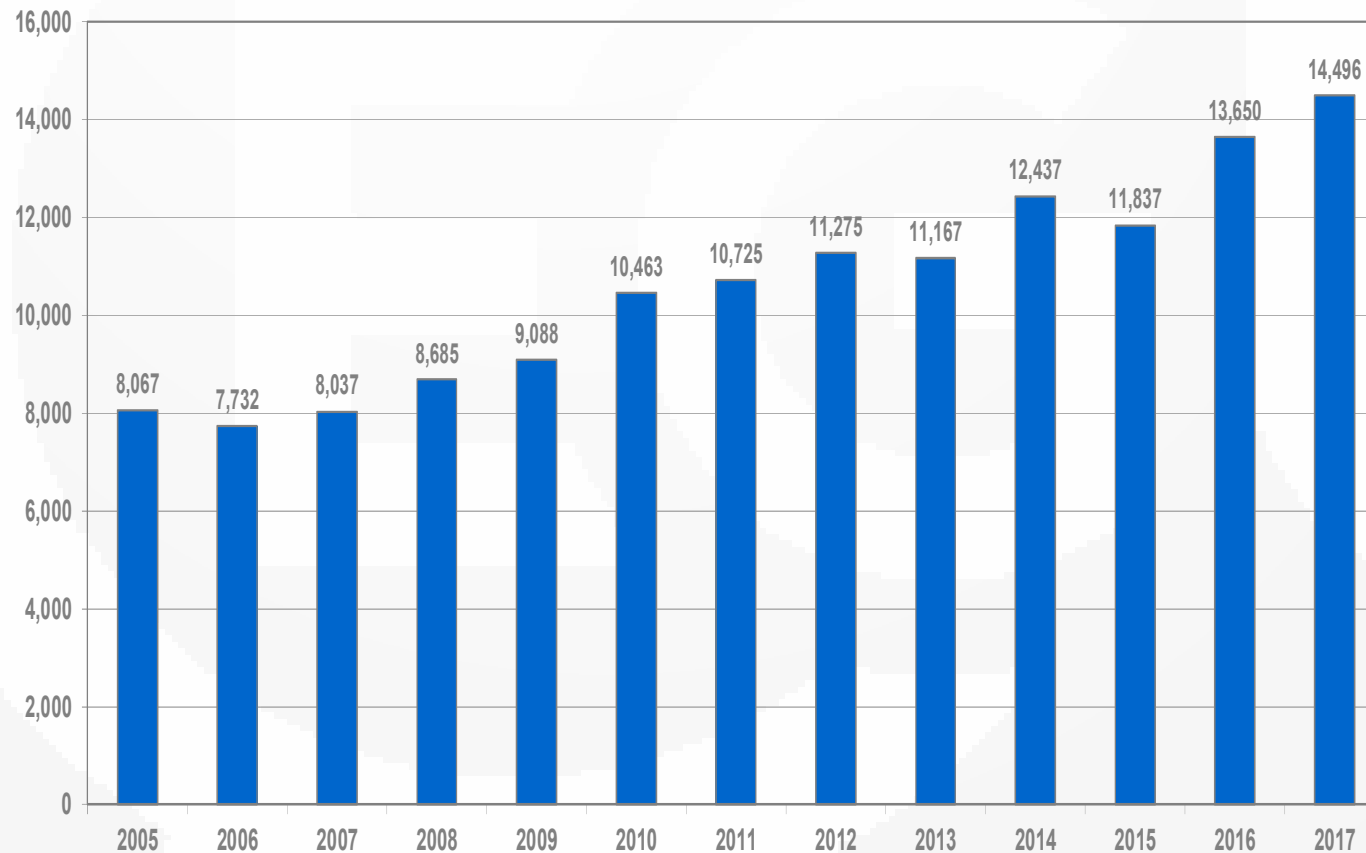
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Participants at EGU General Assemblies 2005–2017



- Measures to reduce environmental impact of the General Assembly (e.g. CO2 emission offset, water bottles)
- Poet-in-residence
- Cartoonist-in-residence } <https://blogs.egu.eu/geolog/>
- Public lecture, Th 19:00, Natural History Museum
- Lecture rooms staffed at lunch breaks
- OSPP 'volunteer to judge' X2.176 [EGU2018-6621](#) | OSPP: [volunteer to judge](#)
★ **Modelling the Wilson Cycle: How to NOT initiate subduction at the passive margin**
Stephane Beaussier, Taras Gerya, and Jean-Pierre Burg
- 5 US, 4 GDB, 60 SMI, 60 SMP, 15 TM
- 70 short courses. New SC co-chair needed for GA19-GA23
- Mentoring programme matched 153 mentees with 97 mentors (ca 70 mentees unmatched – need more mentors!)

- No solicited presentations by conveners: “Authors (first and co-authors) should not have a solicited presentation in a session they (co-)convene. (Co-)conveners should not be presenting author, and are discouraged from being co-author, on oral presentations in a session they convene.”
- 1 abstract rule: “Authors are allowed as first author to submit either one regular abstract plus one abstract solicited by a convener, or two solicited abstracts.”
- Number of conveners on a session: At session submission minimum 2 – maximum 5
- Number of convenerships as a recommendation: 1 as main convener, maximum 3 (co-)convenerships total

01 Jun – 21 Jun 18	Call-for-skeleton. Only sub-programme structure (headers), no sessions
25 Jun – 13 Sep 18	Public call-for-sessions Includes GDB and US
17 Sep – 12 Oct 18	Session programme finalization
11 Oct 18	PC Meeting Ismanning
15 Oct 18 – 10 Jan 19	Abstract submission

5. EMRP at EGU 2018



Oral time block assignment based on number of EMRP designated abstracts only!

EMRP abstracts 2018: 286
Oral blocks (sessions) 14 (12)

Increase of 17%

EMRP abstracts 2017: 244
Oral blocks (sessions) 15 (10)

EMRP abstracts 2016: 181
Oral blocks (sessions) 14 (12)

EMRP abstracts 2018: 1002
(Co-organised) 44 (42)

Decrease of 10%

EMRP abstracts 2017: 1123
(Co-organised) 43 (41)

EMRP abstracts 2016: 622
(Co-organised) 35 (19)



Communication Activities at the 2018 General Assembly



EGU Today

- EGU Today is a **daily newsletter** highlighting interesting workshops, lectures and GeoCinema screenings, amongst activities at the Assembly
- Paper copies will be distributed daily and are available to download at http://egu2018.eu/egu_today.html

Blogs

- GeoLog & the EGU Blog Network will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them at geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions will be advertised on Twitter (**@EuroGeosciences**) and Facebook (**European Geosciences Union**)
- Participants can ask questions & keep updated by following **#EGU2018** and **#EMRP**

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EGU Petrus Peregrinus MEDAL

This medal has been established by the Division on Earth Magnetism & Rock Physics in recognition of the scientific achievements of Petrus Peregrinus, to be awarded for outstanding scientific contributions in the field of geomagnetism, planetary magnetism and palaeomagnetism.

Committee

Chair: Dominique Jault

Members: Three last medallists

Medal Lecture: Tuesday 19:00 Room K1

Observing the magnetic world: when measurements precede theory



The 2018 Petrus Peregrinus Medal is awarded to **Mioara Mandea** for defining the nature of the geomagnetic field, particularly abrupt changes in secular variation known as geomagnetic jerks, and for advancing observatory and satellite data collection and analysis.

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Committee 2018

Chair: Dominique Jault

Members: Agris Gailitis, John Tarduno, Rob van der Voo



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Committee 2019

Chair: Dominique Jault

Members: Agris Gailitis, John Tarduno, Mioara Mandea



6. Division Medal Committees, Medallists, Awards

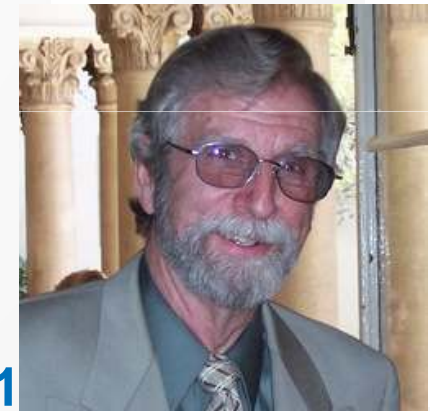
EGU Louis Néel MEDAL

This medal has been established by the Division on Earth Magnetism & Rock Physics in recognition of the scientific achievements of Louis Eugene Felix Neel, who shared the 1970 Nobel Prize of Physics for his fundamental research and discoveries concerning antiferromagnetism. This medal is reserved for individuals in recognition of outstanding achievements in rock magnetism and rock physics.

Committee

Chair: Ian Main

Members: Three last medallists



Posthumous Tribute to Medallist : Monday 19:00 Room K1

The 2018 Louis Néel Medal is awarded to **Harry W. Green II** * for his seminal contributions to the mechanism of deep-focus earthquakes, rock rheology, mantle dynamics and the dramatic improvement of a solid pressure-medium apparatus

* Deceased in 2017 after nomination

6. Division Medal Committees, Medallists, Awards

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Committee for 2018

Chair: Ian Main

Members: Philip Meredith, Christopher J. Spiers, Toshihiko Shimamoto





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Committee for 2019

Chair: Ian Main

Members: Philip Meredith, Christopher J. Spiers, J. Michael Kosterlitz*



* Nobel Prize 2016 in Physics

Born in Aberdeen (Scotland, UK)
Professor at Brown Univ. (USA)



Professor Kosterlitz does research in **condensed matter theory**, one- and two-dimensional physics; in phase transitions: random systems, electron localization, and spin glasses; and in **critical dynamics: melting and freezing**.

He was awarded the 2016 Nobel Prize in physics along with David Thouless and Duncan Haldane for work on condensed matter physics

Best practice document regarding medals and awards on www.egu.eu/awards-medals/

- Instructions of how to submit nominations
- Submission **before June 15** to awards.medals@egu.eu



Early Career Scientists Awards



Union

Arne Richter Award for Outstanding Early Career Scientists (formerly Outstanding Young Scientist Award)

Division

Division Outstanding Early Career Scientists Award

Outstanding Early Career Scientist Poster & PICO (OSPP) Awards



6. Division Medal Committees, Medallists & Awards

Outstanding Division Early Career Scientist (ECS) Award

This award has been established by the Division on Earth Magnetism & Rock Physics to be assigned to Early Career Scientists for outstanding scientific contributions in the field of the Division.

Committee

Chair: EMRP Division President

Members: EMRP Division Vice-Presidents

ECS Award Lecture: Wed 10 Apr. 15:30 Room 0.96



The ECS Medal is awarded to **Marco M. Scuderi** for his exceptional seminal contributions to our understanding of fault mechanics and earthquake physics via important fundamental advances and high-quality papers on a broad range of problems on rock physics.

6. Division Medal Committees, Medallists & Awards

Outstanding Student Poster & PICO Award 2017

3-4 OSPP Judges for each poster/PICO

The 2017 Outstanding Student Poster and PICO (OSPP) Awards is awarded to **Tao Huang** for the poster entitled:

Statistical study of field-aligned currents and and equivalent currents based on Swarm constellation



(Huang, T.; Wang, H.; Lühr, H.)



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ECS Representative's summary

Stephanie Zihms & Anita Di Chiara

- Overall ECS are gaining a stronger voice within EGU
 - Thanks to the great Union-wide ECS rep
 - Support from Division presidents
 - Successful / well attended short courses etc.
- EMRP is catching up
 -  @EGU_EMRP
 -  Planning a Facebook group (email)

EGU 2019


- ❑ Encourage ECS to suggest sessions
- ❑ Encourage ECS to suggest short courses
- ❑ Planning a EMRP ECS splinter meeting
- ❑ 2019 social event
- ❑ Join the ECS team!



WE WANT YOU!

2nd Division get-together

TODAY 19:30 – late
Bierheuriger zum Gangl
4 Alser Straße
1090 Wien

 Schottnetor U2 – change at Praterstern
Or Meet at 19:00 at the main entrance



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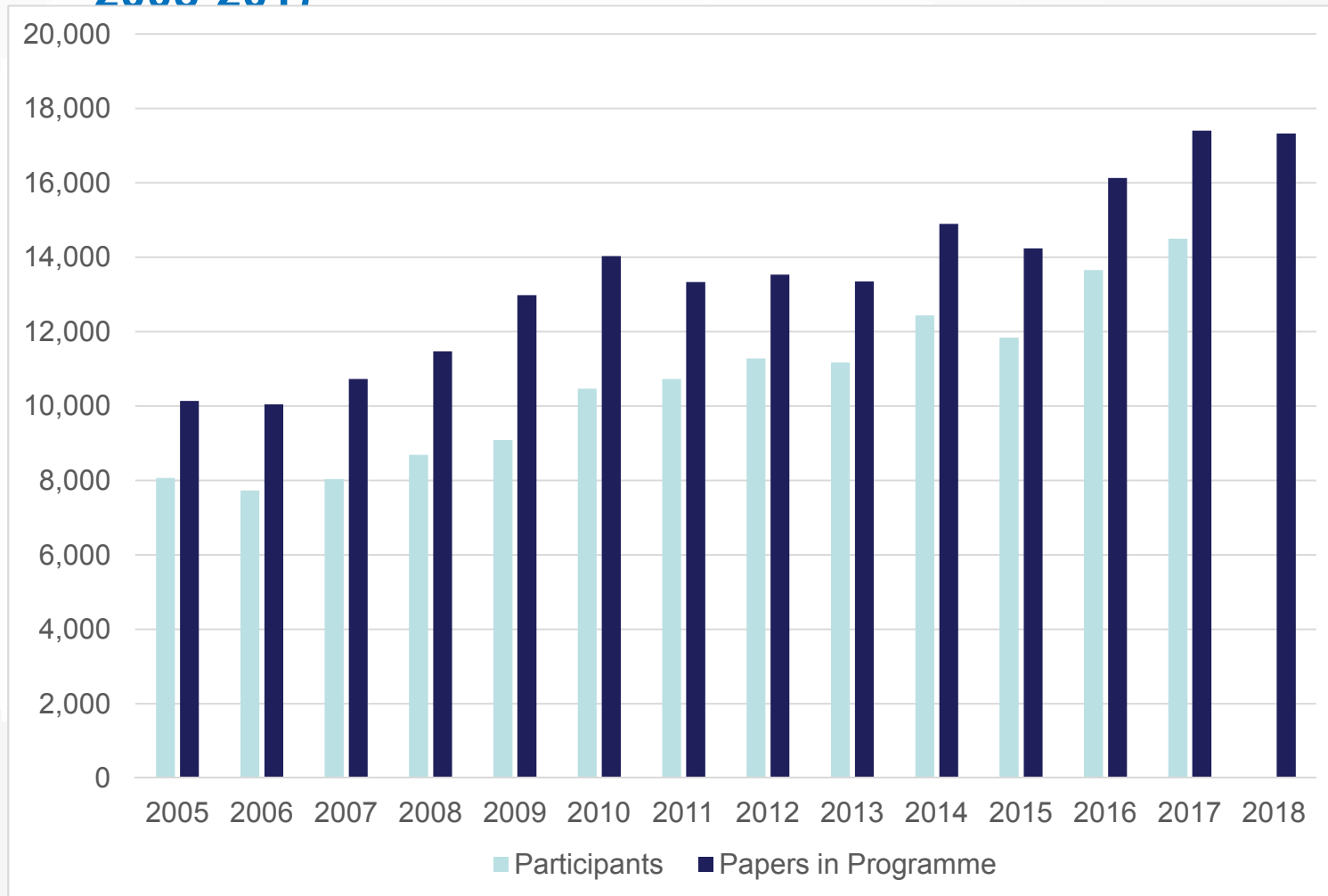
17 Open Access Journals



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Future format General Assembly

Papers in programme 2005–2018 and participants 2005-2017



Future format General Assembly

Current model

TB1	Orals, PICO
Break	
TB2	Orals, PICO
Lunch	
TB3	Orals, PICO
Break	
TB4	Orals, PICO
Break	
TB5	Posters, drinks
TB6	Medal lect, TM

- 4800 orals
- 1800 PICO
- 12500 posters (full day)
- Poster capacity full ~2020
- Room fill issues 2020/2021

Alternative model

TB1	Orals, PICO, Posters
Break	
TB2	Orals, PICO, Posters
Lunch	
TB3	Orals, PICO, Posters
Break	
TB4	Orals, PICO, Posters
TB5	Exhibition, drinks
TB6	Medal lectures, TM

- 6000-6400 orals
- 1800 PICO
- 12500 posters (full day).
- Poster capacity full by ~2023.
- Double poster capacity to 25000 by half-day showing time
- No room fill issues next 10 years

Feedback?

Any feedback to improve

- **next EGU 2019 General Assembly?**
- **Division activities and networking?**

Please send to emrp@egu.eu

**Thanks for coming
and participating!**

EGU

EGU



A nomination package for the Division medals should consist of

Nomination letter (1 page).

Curriculum Vitae (2 pages). A summary of the candidate's CV, including the candidate's name, address, history of employment, degrees, research experience, honours, and service to the community.

Selected bibliography (2 pages). A list of selected publications by the candidate that best support the nomination. It should also state briefly the candidate's total number and types of publications and citations.

Supporting letters. Between 3 and 5 letters of support (maximum 1 page each) should be submitted. These letters should clearly establish the nominee's recognized contribution to the field.