

ESSI Division Meeting

11 April 2019

Room 0.96 12:45-13:45

Helen Graves



[Meetings](#) | [Publications](#) | [Outreach](#) |

EGU General Assembly 2019 Facts

As of 08 April, the Assembly 2018 provided:

- 17,323 papers in programme -0.44% (2017)
- 4,776 orals | 11,128 posters | 1,419 PICOs | ratio 28 / 64 / 8
- 666 unique scientific sessions | 66 short courses | 294 side events
- 15,075 attendees
- 106 countries

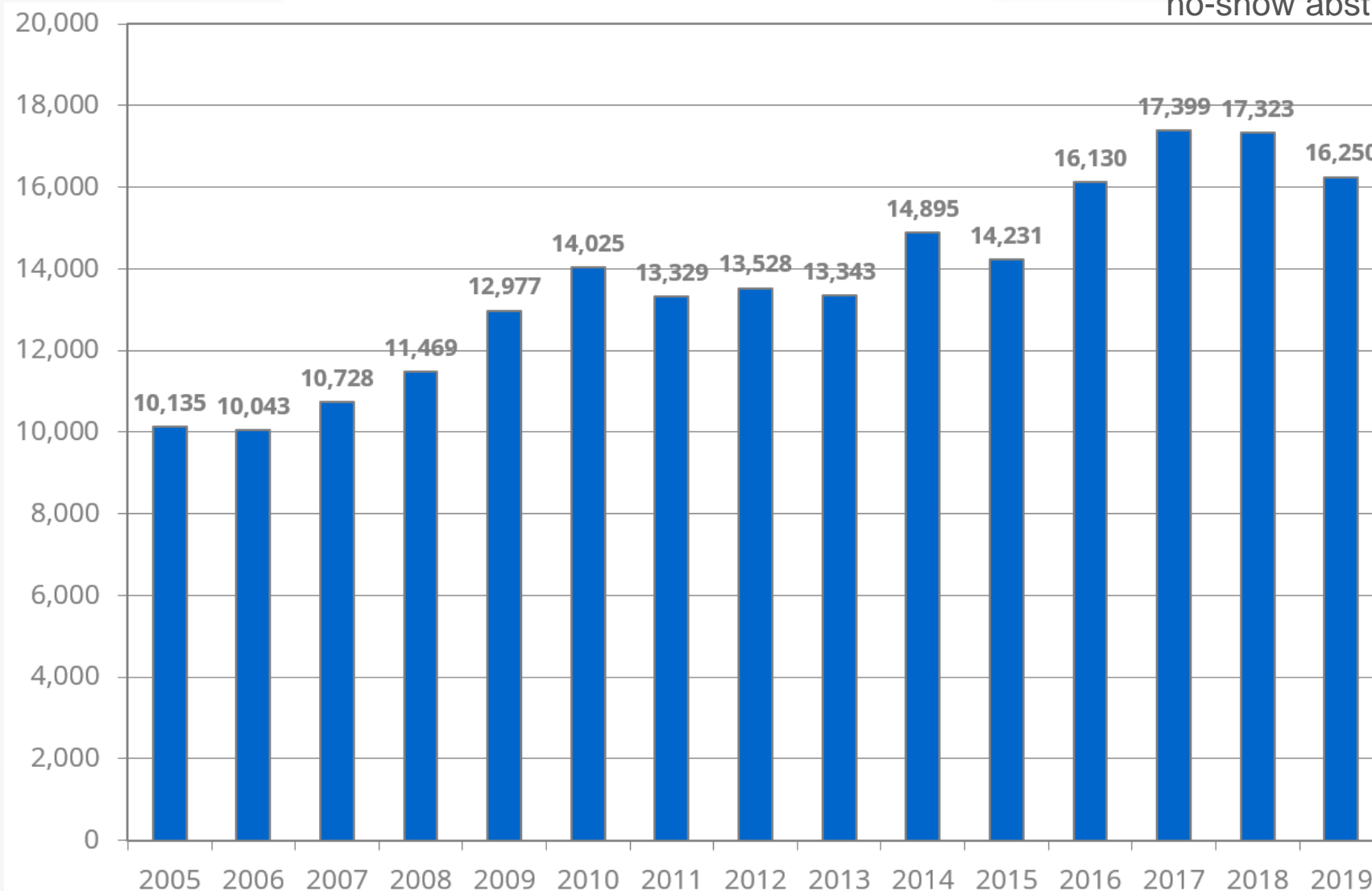
As of 05 April, the Assembly 2019 provides:

- 16250 papers in programme - 6.2% (2018)
- 5,531 orals | 9,432 posters | 1,287 PICOs | ratio 34 / 58 / 8
- 683 unique scientific sessions | 87 short courses | 338 side events
- 14,283 advance registrations +12.17%

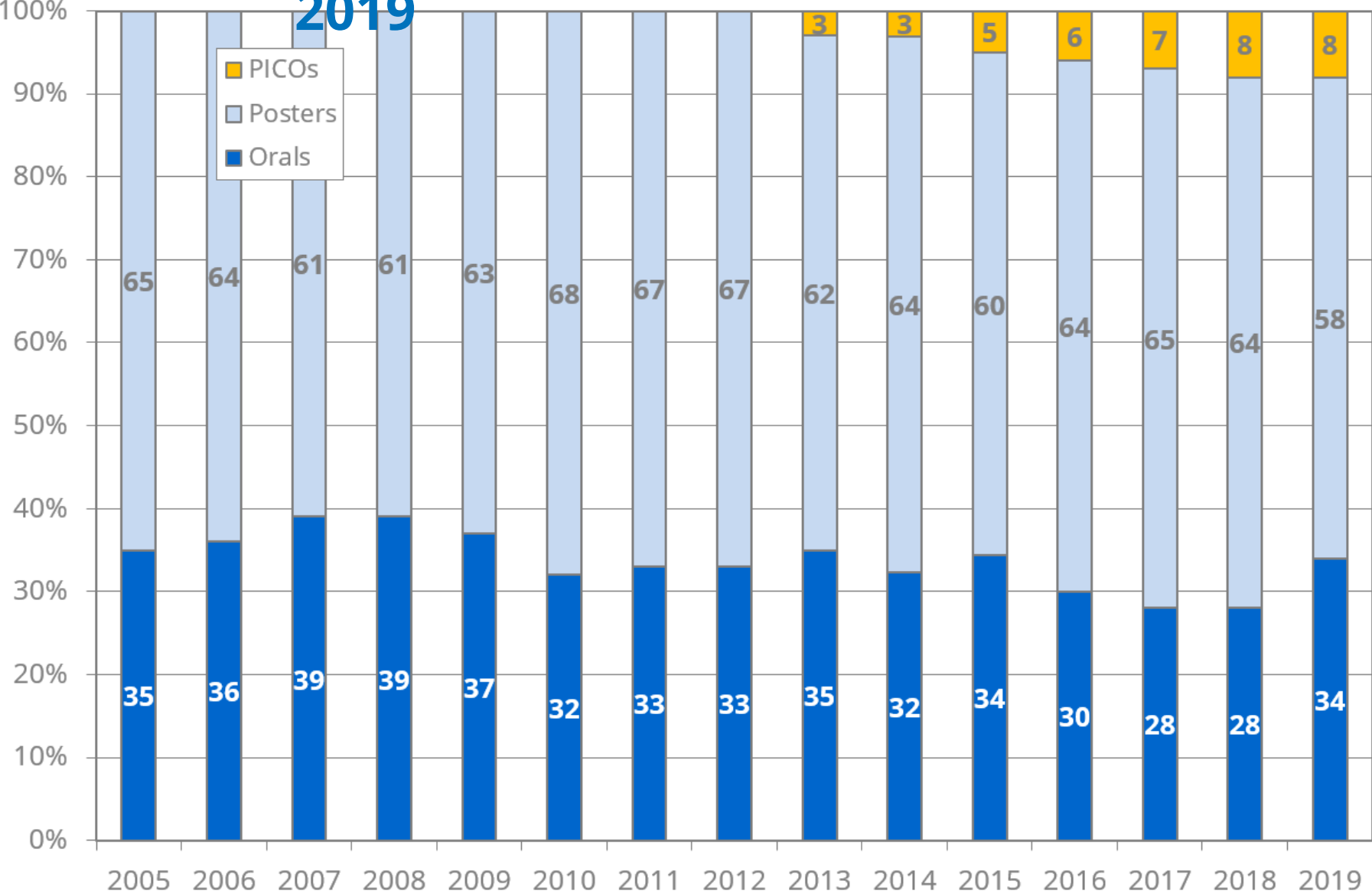
Abstracts in programme 2005 – 2019

2018 withdrawal of no-show abstracts

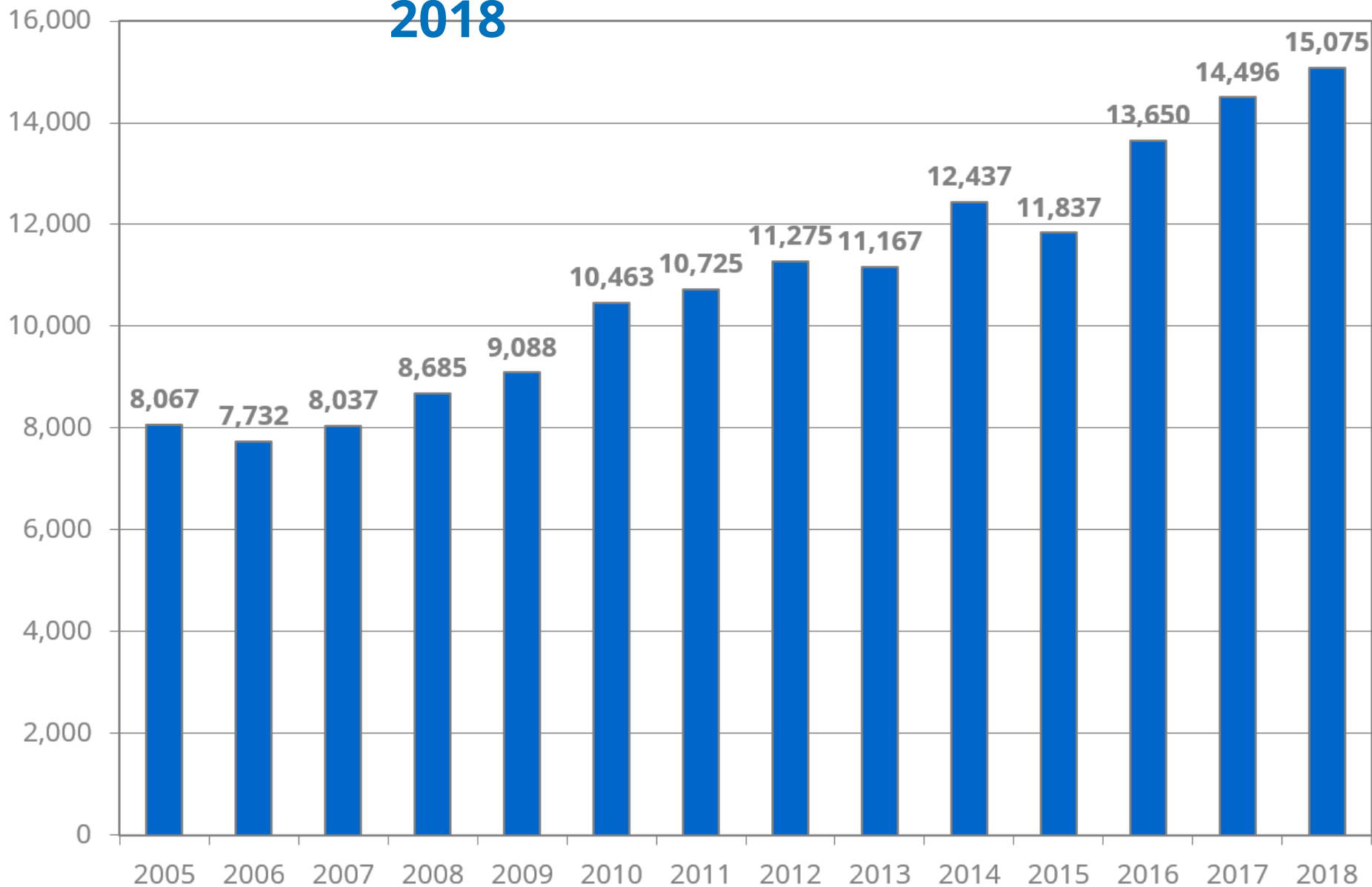
2019 one first-author abstract rule



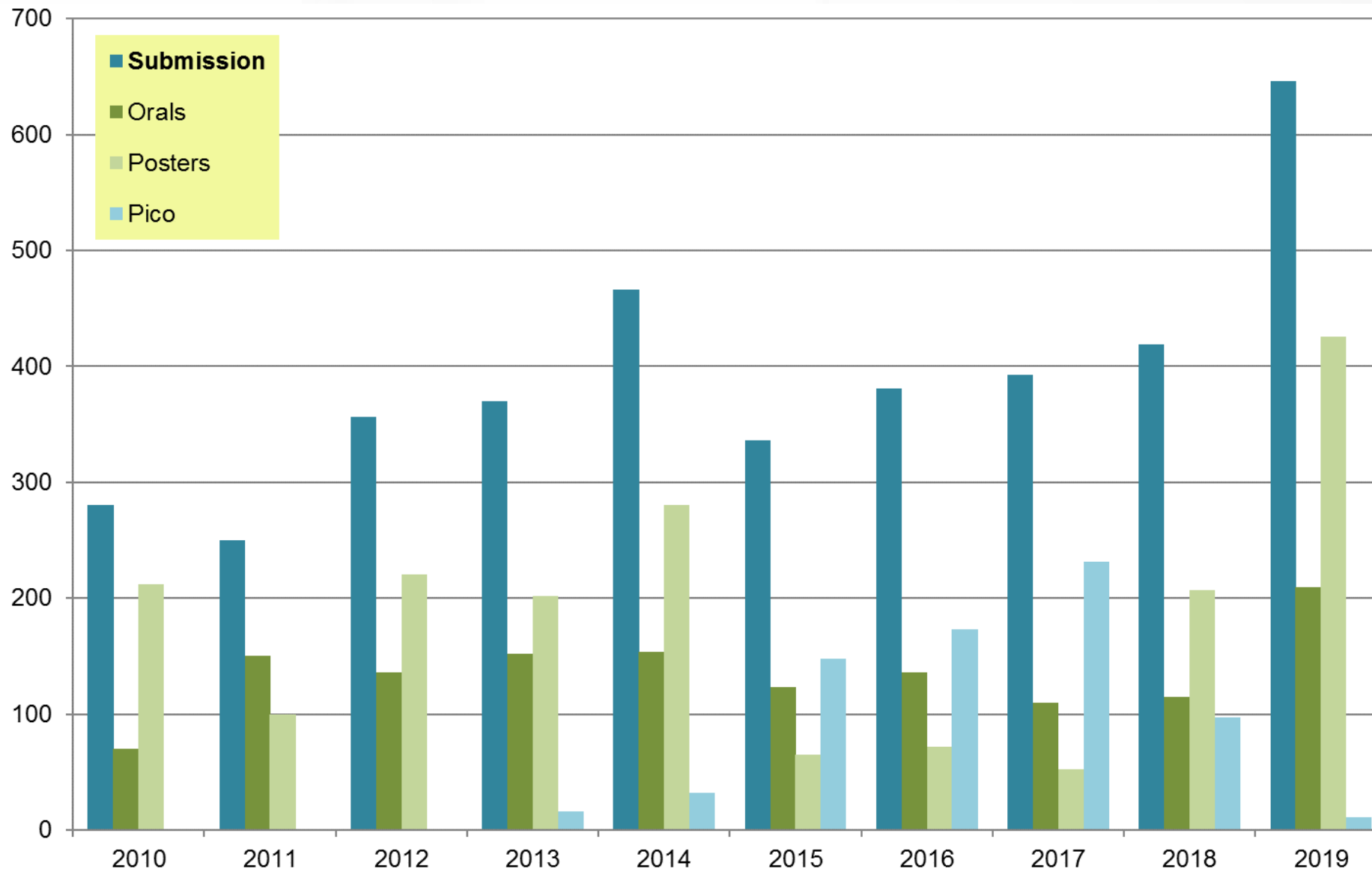
Presentation ratio 2005 - 2019



Participation 2005 - 2018



Contributions in ESSI (2010 - 2019)





ESSI program in numbers (10 March19)

ESSI sessions: 13

Co-organised: 20

Total: 33

ESSI 1: Community-driven challenges and solutions dealing with Informatics

Sessions: 18

(12 cross-division / 4 short courses)

Oral: 21 (128), PICO: 0, Poster: 31 (356)

ESSI 2: Infrastructures across the Earth and Space Sciences

Sessions: 9 (3 cross-division)

Oral: 33 (54), PICO: 11, Poster: 76 (114)

ESSI 3: Open Science 2.0 Informatics for Earth and Space Sciences

Sessions: 4 (1 cross-division)

Oral : 7 (21), PICO : 0, Poster: 33 (63)

ESSI 4: Visualization for scientific discovery and communication

Sessions: 2 (0 cross-division)

Oral:0, PICO:0, Poster: 21

ESSI program in numbers

- **ESSI sessions: 15** (14 in 2018)

- Orals: 61 (28%)
- Posters: 155 (72%)
- PICOs: 0

- **Co-organised: 20** (10 in 2018)

- Orals: 208 (33%)
- Posters: 409 (65%)
- PICO: 97 (2%)

- **ESSI 1: Community-driven challenges and solutions dealing with Informatics**
 - Kerstin Lehnert
 - Dirk Fleischer
- **ESSI 2: Infrastructures across the Earth and Space Sciences**
 - Horst Schwichtenberg
 - Wim Som de Cerff
 - Paolo Mazzetti
- **ESSI 3: Open Science 2.0 Informatics for Earth and Space Sciences**
 - *Vacant*
 - Pierre Philippe Mathieu
- **ESSI 4: Visualization for scientific discovery and communication**
 - Jon Blower
 - Mohan Ramamurthy
- **ESSI 5: General contributions**



Helen Graves
ESSI Division President

Elected: 2017 – 2019
Re-elected: 2019 - 2021



Jens Klump
Deputy Division President



Division President: next election

- Next election (Divisions): November 2019
- Successful candidate: deputy president from EGU GA 2020 (1 year)
- Assumes role of Division President at EGU GA 2021 (2 years)
- All EGU members are eligible
- Division President can only stand once for re-election (4 years total)
- Call for candidates opens June 2019



ESSI Science Officers

- Meteorology and Climatology
- Space
- Geochemistry
- Oceanography
- Liaison AGU ESSI Section

Reinhard Budich

Vacant
(Pier Giorgio Marchetti)

Kerstin Lehnert

Antonio Novellino

Peter Fox

- Science Officers should promote sub-programmes and encourage their colleagues to organize session
- Any new volunteers?



Early Career Scientist (ECS) Representative

- Early Career Scientist: EGU member receiving highest degree (BSc MSc or PhD) in last 7 years
- Early Career Scientist representatives are a crucial link between the EGU and the young scientist community
- Each division can have an Early Career Scientist representative
- ESSI ECS: currently vacant

VOLUNTEERS NEEDED!!

Abstracts tagged as ECS:

- ESSI 55 / 254 (25/40%)
- EGU 9030 (56%)

We need more:

- ESSI ECS orals
- ESSI ECS conveners/chairs

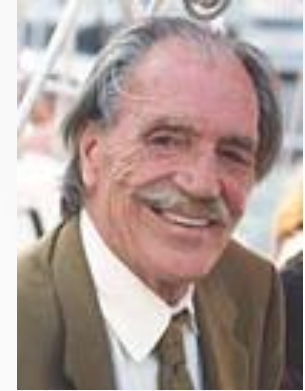
EGU guideline specifically encourages

- ECS Session chairs
- 2 oral presentations by ECS per time block



Ian McHarg Medal

- ESSI Division Medal
- Awarded for distinguished research in Information Technology applied to the Earth and space sciences.
- In recognition of the scientific achievements of Ian McHarg
 - a pioneer of the concept of ecological planning
 - provided the basic concepts of Geographic Information Systems (GIS)



Our medallists



2019
Stefano Nativi

2018



Kerstin Lehnert

2016



Helen Glaves

2013



Alessandro Annoni

2012



Peter Fox

2011



Monique Petitdidier



Medallist reception

ESRI kindly sponsors a reception for the
recipient of the Ian McHarg Medal

All members of the
Earth and Space Sciences Informatics
(ESSI) Division are welcome

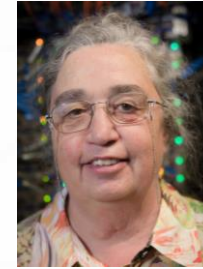
Thank you!!



esri

Medal committee for approval

- Lesley Wyborn (chair)
- Joan Maso
- Paolo Diviaco
- Paolo Mazzetti
- Kerstin Lehnert
- Stefano Nativi



Nominations for EGU Awards 2019

- Only EGU members can submit nominations
<http://www.egu.eu/awards-medals/proposal-and-selection-of-candidates.html>
- **More than one candidate is required**
- Deadline for nominations - 15 June 2019

OPEN NOW!!



Proposed change: McHarg – Lovelace Medal

- Format change - biennial starting 2020
- Expand scope
 - include technological advances e.g. software development
 - new approaches e.g. promoting open science
- Renamed to support diversity in EGU/ESSI and highlight new format




OSPP - Outstanding Student Poster and PICO Award

- Satisfy one of the following criteria:
 - current undergraduate (e.g. BSc) or postgraduate (e.g. MSc, PhD) student
 - recent undergraduate or postgraduate student presenting their thesis work.
- First author and personally presenting the poster or PICO at the conference
- Self nomination during abstract submission
- Judges (3 per submission) needed
- ESSI OSPP submissions 2019: 5
- ESSI OSPP coordinator position currently vacant

VOLUNTEERS NEEDED

<https://www.egu.eu/awards-medals/ospp-award/>



AWARDS & MEDALS

Division Outstanding Early Career Scientists Award

[Home](#) / [Awards & medals](#) / [Division Outstanding Early Career Scientists Award](#)

The Division Outstanding Early Career Scientists Award (formerly Division Outstanding Young Scientists Award) recognises scientific achievements in the field covered by the related division, made by an early career scientist.

- **ESSI has never selected a recipient**
- **Only EGU Division not to have given the OECS award !!!**

A photograph of a large conference hall with a stage and a large screen displaying a globe. The audience is seated in rows, facing the stage. The screen shows a blue and white globe of the Earth against a dark background with stars. The room has a modern, industrial feel with a grid-like ceiling and walls.

OUTREACH

Mentoring programme

- Mentoring for new attendees at GA
- Commitment is only for GA (but can continue if mentor/mentee agree)
- 161 mentees matched with 104 mentors BUT 38 mentees not matched



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EGU_ESSI

@EGU_ESSI

ESSI division deals with Community-driven and multidisciplinary challenges and solutions.

Europe

egu.eu/essi

Joined November 2013

20 Photos and videos

Tweets Tweets & replies Media

EGU_ESSI @EGU_ESSI · 24s
Don't miss @klehnert1 receiving the Ian McHarg Medal on Tuesday, 10 April at #EGU18 egu.eu/awards-medals/...
meetingorganizer.copernicus.org/EGU2018/orals/...



Kerstin A. Lehnert
egu.eu

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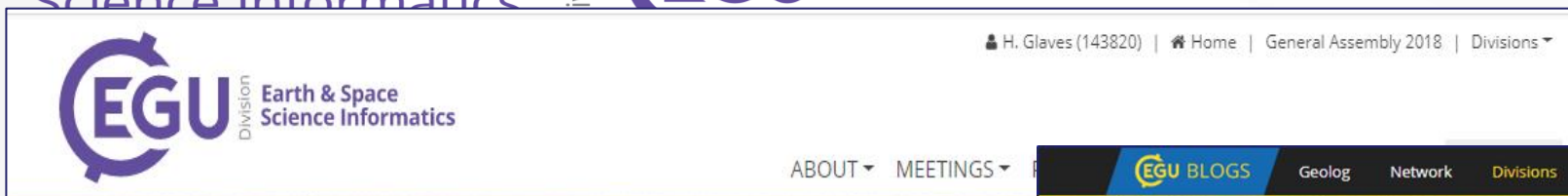
Richard Reid @Mr_Charis...
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ESSI web pages and blog



EGU Division Earth & Space Science Informatics

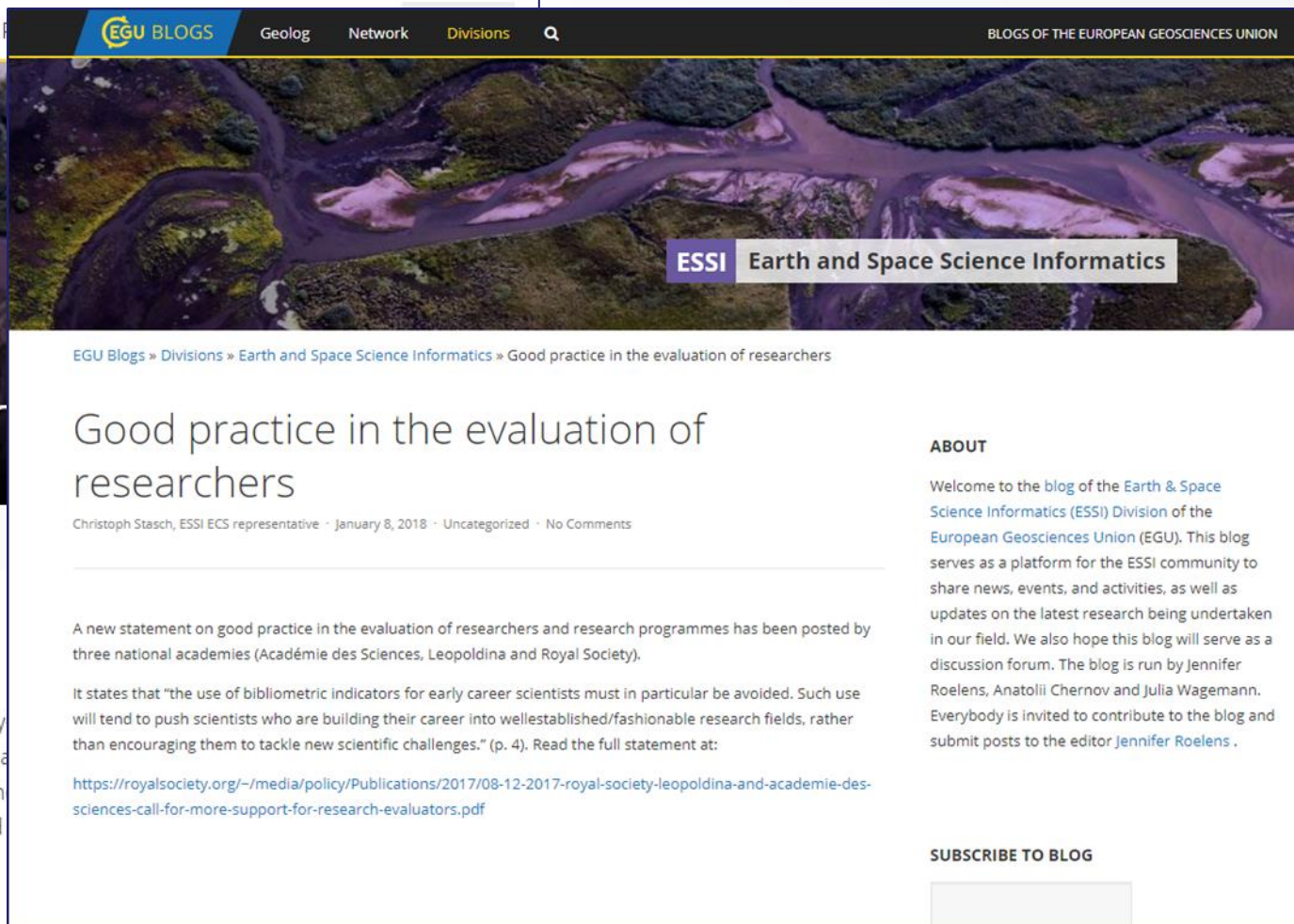
H. Glaves (143820) | Home | General Assembly 2018 | Divisions

ABOUT MEETINGS



ESSI EARTH AND SPACE SCIENCE INFORMATICS

Division on Earth and Space Science



EGU BLOGS Geolog Network Divisions

BLOGS OF THE EUROPEAN GEOSCIENCES UNION

ESSI Earth and Space Science Informatics

EGU Blogs » Divisions » Earth and Space Science Informatics » Good practice in the evaluation of researchers

Good practice in the evaluation of researchers

Christoph Stasch, ESSI ECS representative · January 8, 2018 · Uncategorized · No Comments

A new statement on good practice in the evaluation of researchers and research programmes has been posted by three national academies (Académie des Sciences, Leopoldina and Royal Society).

It states that "the use of bibliometric indicators for early career scientists must in particular be avoided. Such use will tend to push scientists who are building their career into well-established/fashionable research fields, rather than encouraging them to tackle new scientific challenges." (p. 4). Read the full statement at:

<https://royalsociety.org/-/media/policy/Publications/2017/08-12-2017-royal-society-leopoldina-and-academie-des-sciences-call-for-more-support-for-research-evaluators.pdf>

ABOUT

Welcome to the blog of the Earth & Space Science Informatics (ESSI) Division of the European Geosciences Union (EGU). This blog serves as a platform for the ESSI community to share news, events, and activities, as well as updates on the latest research being undertaken in our field. We also hope this blog will serve as a discussion forum. The blog is run by Jennifer Roelens, Anatolii Chernov and Julia Wagemann. Everybody is invited to contribute to the blog and submit posts to the editor [Jennifer Roelens](#).


SUBSCRIBE TO BLOG

ESSI-ECS mailing list

Home / ESSI

President: Helen M. Glaves (essi@egu.eu)
Deputy President: Jens Klump (jens.klump@csiro.au)

As far as informatics and information technology are concerned, the ESSI division deals with Community multidisciplinary challenges and solutions. This include topics like: data model and metadata standardization, data infrastructure interoperability, semantics services, quality and uncertainty information encoding and propagation, geospatial data processing, environmental model accessibility, big data management, and visualization for scientific discovery.

A rectangular yellow sticky note with a red pushpin at the top center. The text 'Thank You!' is written in a large, black, handwritten-style font.

Thank You!

A rectangular yellow sticky note with a red pushpin at the top center. The text 'essi@egu.eu' is written in a black, sans-serif font, tilted slightly upwards to the right.

essi@egu.eu