

ESSI Division Meeting

25 April 2017

Room M2 12:15-13:15

Joan Masó & Helen Glaves



Meetings | Publications | Outreach | www.egu.eu

EGU General Assembly 2017 Facts

As of 14 April, the Assembly 2016 provides:

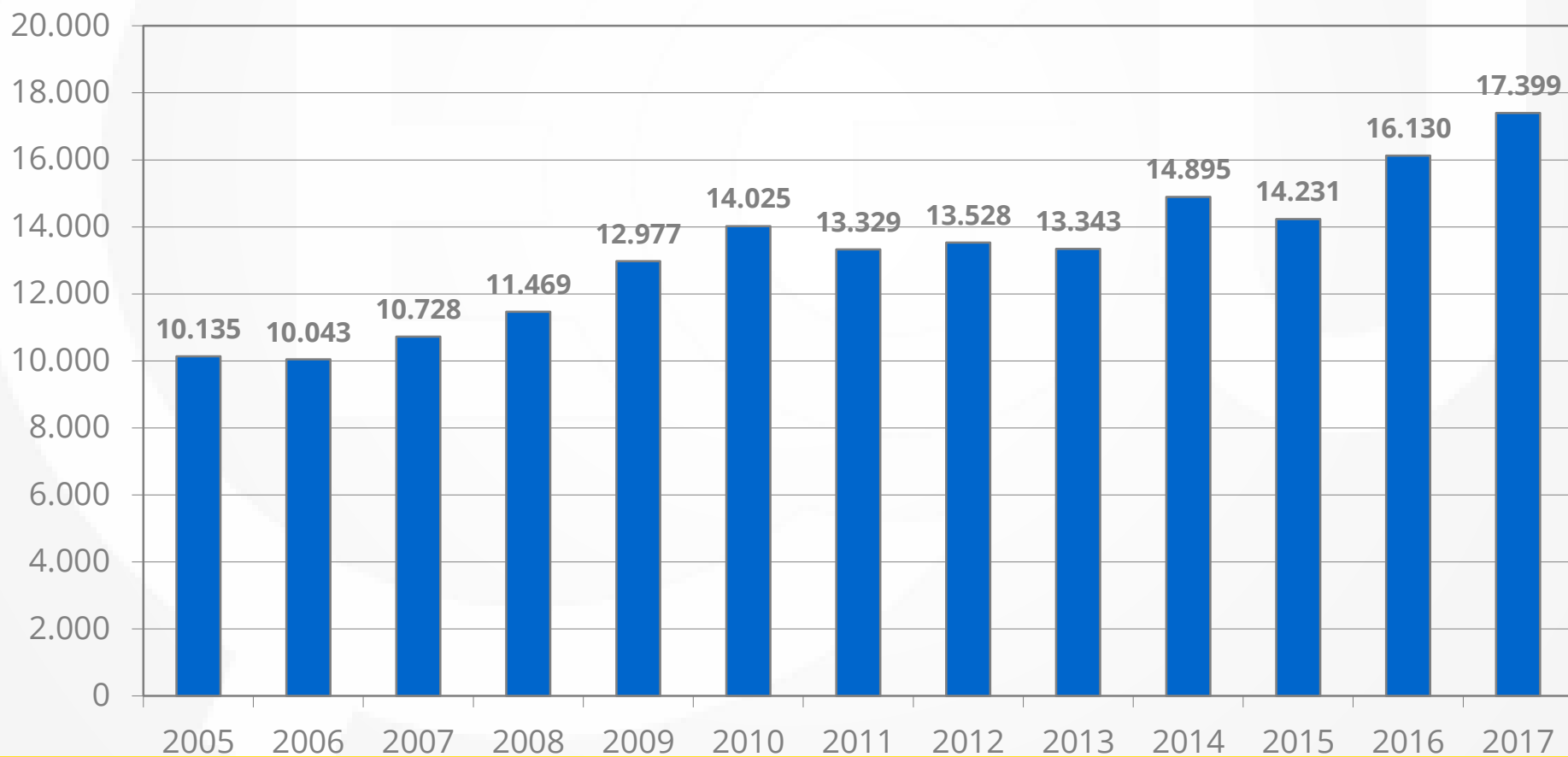
- » 16,130 papers in programme
+13.34% (2015)
- » 4,863 orals / 10,320 posters
/ 947 PICOs (Ratio 30 / 64 / 6)
- » 619 unique scientific
sessions | 321 side events
- » 10,988 registrations in
advance (10,943 already
paid) | +23.68% (2015)

As of 19 April, the Assembly 2017 provides:

- » 17,399 papers in programme
+7.87% (2016)
- » 4,849 orals | 11,312 posters |
1,238 PICOs | ratio 28 / 65 / 7
- » 649 unique scientific sessions
| 88 short courses | 322 side
events*
- » 11,331 registrations in
advance | +3.55% (2016)

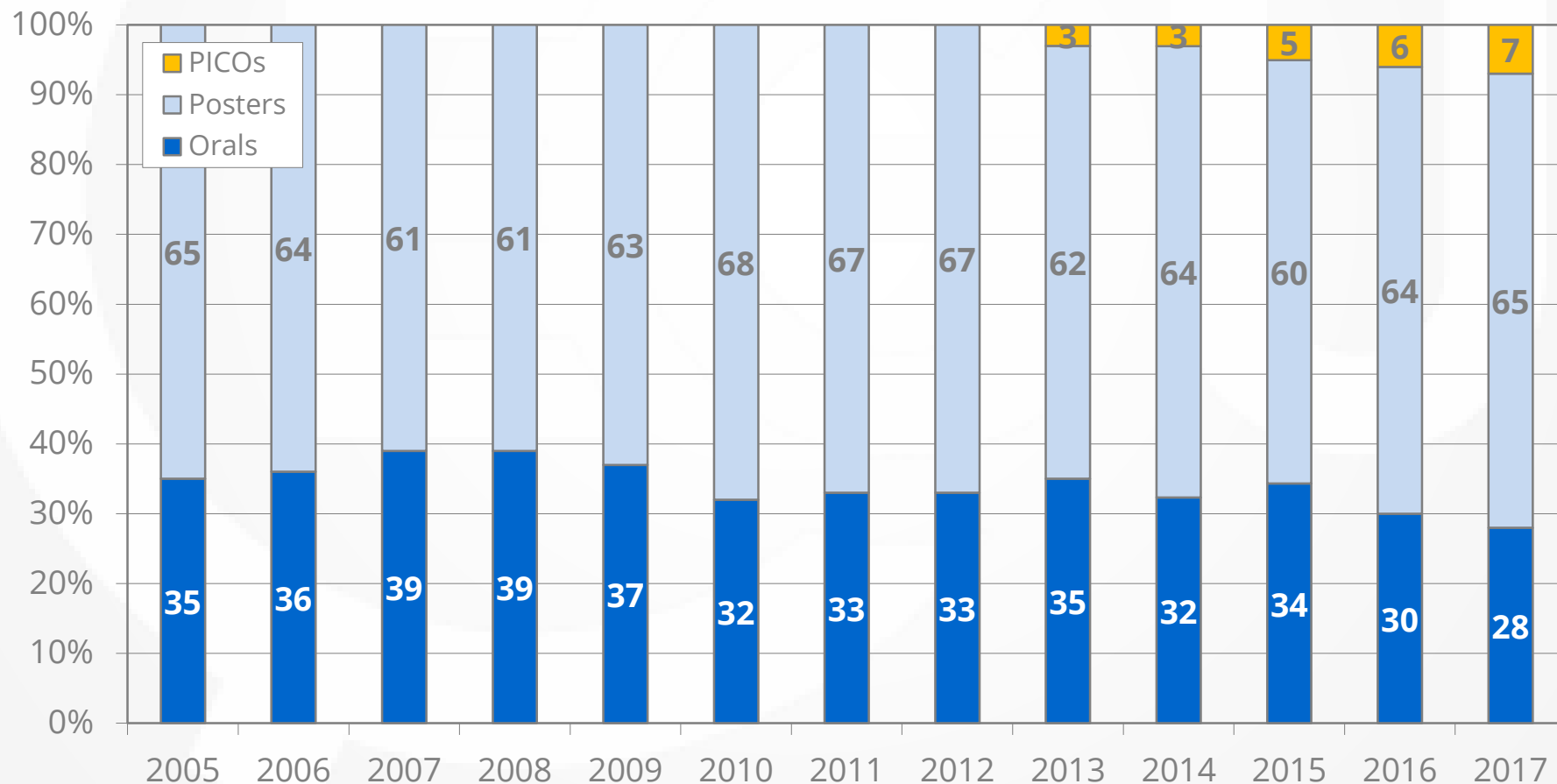


Papers in programme 2005-2017





Presentation ratio 2005-2017





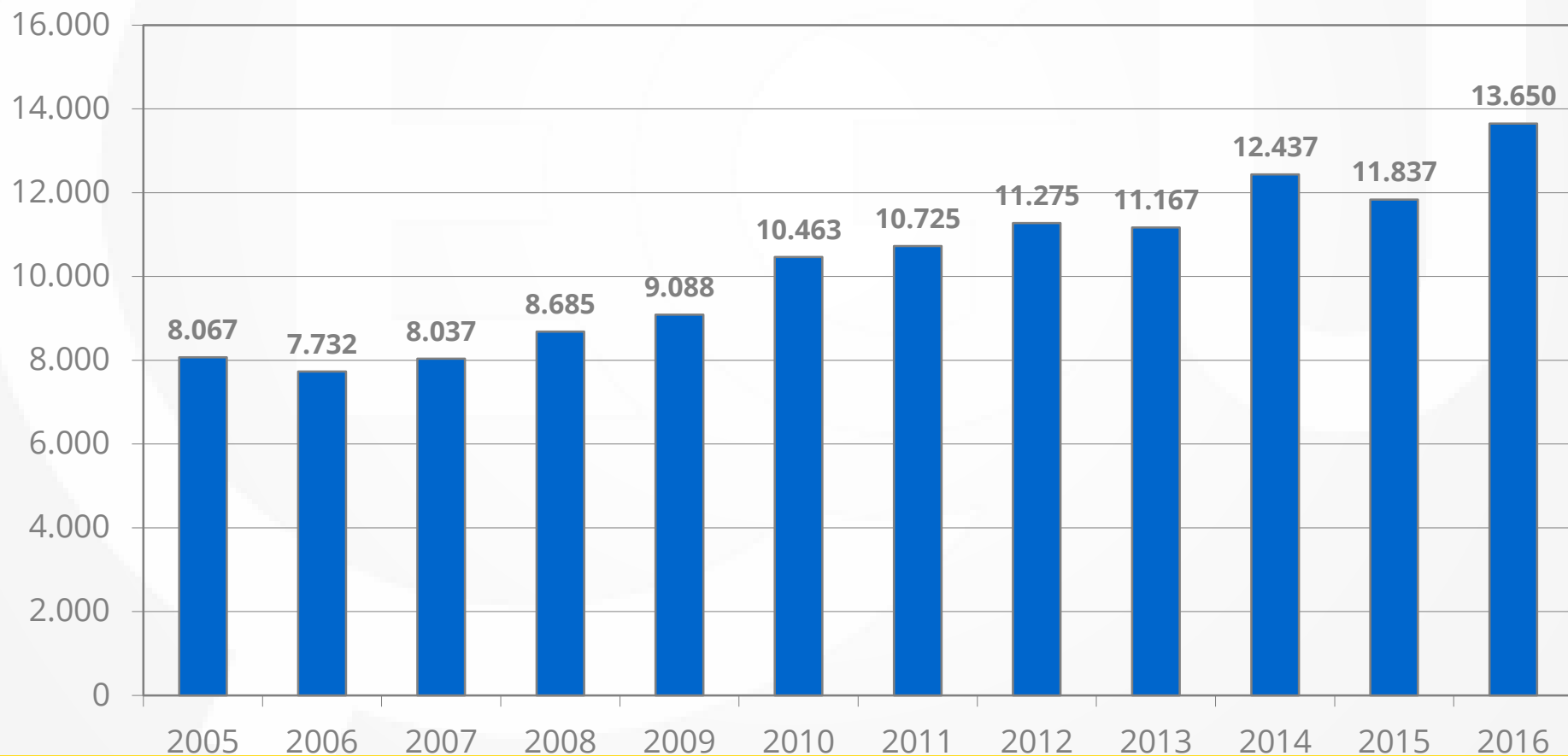
European Geosciences Union General Assembly 2016

Vienna | Austria | 17-22 April 2016

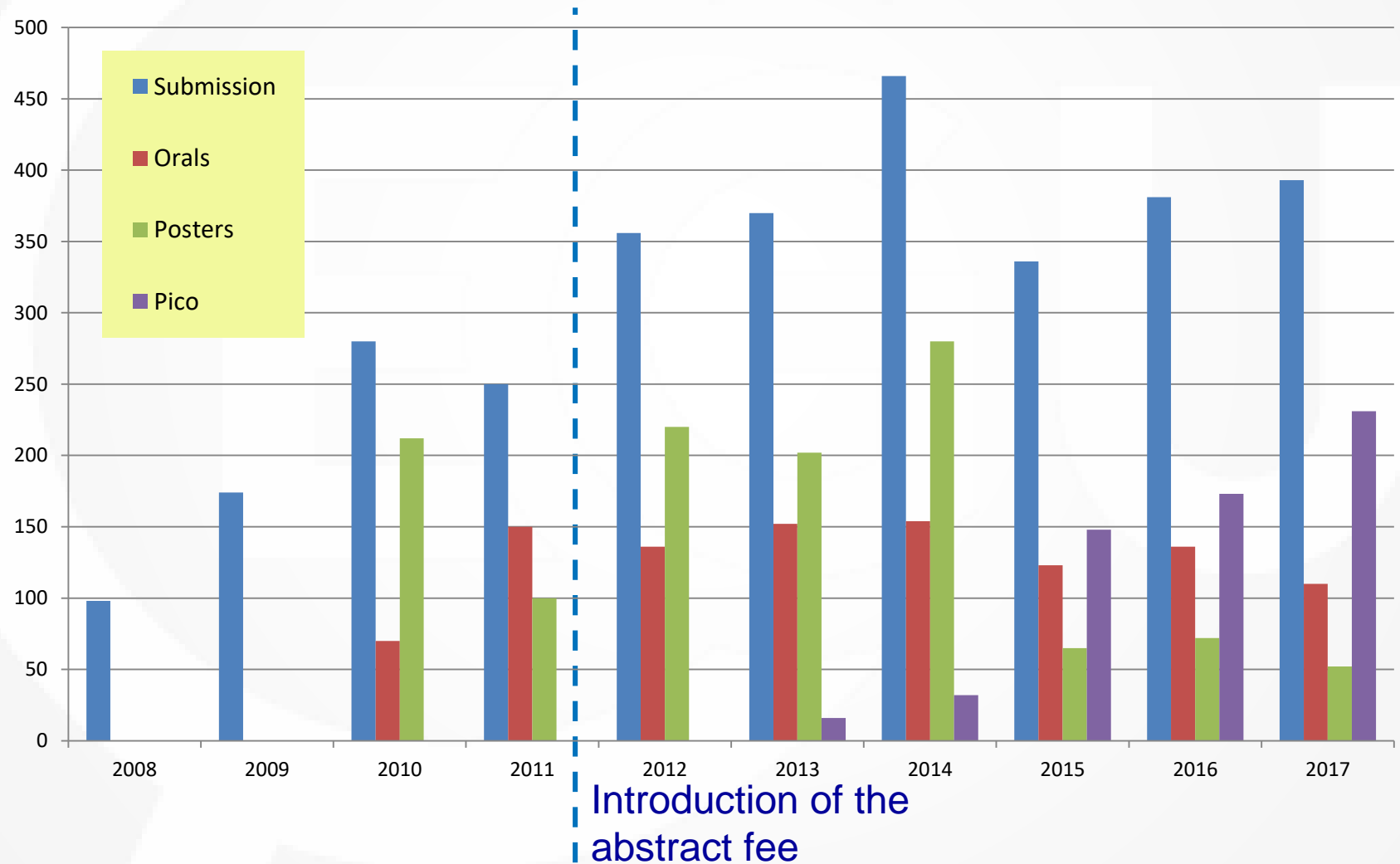
EGU.eu



Participants at EGU General Assemblies 2005–2016



Contributions in ESSi: 393 (+12)



98 Conveners

- » A. Novellino, Alaitz Zabala, Alessandra Tassa, Alice Milne, Andrew Woolf, Balázs Székely, Barbara Brown, Barbara Leichter, Ben Evans, Berit Arheimer, Bernadette Fritzsich, Bernd Ritschel, Bernhard Höfle, Brian Wilson, Carmela Freda, Christian Briesse, Christian Kühnlein, Christiane Jablonowski, Christopher Eldred, Claus Zehner, Daniel Nüst, David Hannah, Denise Young, Dick M. A. Schaap, Edzer Pebesma, Erwan Thebault, F.C. Ponzo, Fiona Murphy, Florian Haslinger, Florian Lemarie, Foteini Vervelidou, Francesco Pirotti, Francesco Soldovieri, Gary Watmough, Georgios Balasis, Giuseppe M.R. Manzella, Helen Graves, Horst Schwichtenberg, Ivo Grigorov, Jan Vilhelm, Jean Dumoulin, Jens Klump, Joan Masó, Jon Blower, José Miguel Rubio Iglesias, Laurent Debreu, Lesley Wyborn, Lev Eppelbaum, Lluís Pesquer, Lorenzo Bigagli, Manfred Dorninger, Marco Scaioni, Markus Neteler, Markus Stoffel, Martin Hammitzsch, Martin Rutzinger, Massimo Cocco, Mehmet Ilicak, Michael Böttinger, Mike Sips, Miquel Ninyerola, Mirko Albani, Monica Alvarez de Buergo, Monique Petitdidier, Nicola Masini, Niklas Röber, , Norbert Pfeifer, Owen Gaffney, Paolo Diviaco, Paolo Mazzetti, Paul Kucera, Peter Düben, Peter Fox, Peter Kovacs, Peter Löwe, Pier-Luigi Vidale, Rahul Ramachandran, Ramon Egli, Rieke Heinze, Roderik Lindenbergh, Sandro Fiore, Sébastien Denvil, Sergey Danilov, Simon Cox, Simon Jutz, Steffen Fritz, Thierry Penduff, Tobias Weigel, Uta When, Valentine Anantharaj, W. Liu, Werner Bauer, Wim Hugo, Wim Som de Cerff, Wouter Buytaert, Xavier Lapillonne, Xavier Pons, Yves-Louis Desnos

THANK YOU!!

ESSI Subprogram in numbers

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

Sessions: 7 (5 cross-division)

Oral: 49, PICO: 0, Poster: 109

#2: Infrastructures across the Earth and Space Sciences

Sessions: 7 (3 cross-division)

Oral: 50, PICO: 11, Poster: 75

#3 Open Science 2.0 Informatics for Earth and Space Sciences

Sessions: 5 (2 cross-division)

Oral : 11, PICO : 33, Poster: 44

#4: Visualization for scientific discovery and communication

Sessions: 2 (1 cross-division)

Oral:0, PICO:8, Poster: 3

ESSI Subprogram

- » **#1: Community-driven challenges and solutions dealing with Informatics**
 - Kerstin Lenhert
 - Giuseppe Manzella
- » **#2: Infrastructures across the Earth and Space Sciences**
 - Horst Schwichtenberg
 - Wim Som de Cerff
 - Paolo Mazzetti
- » **#3: Open Science 2.0 Informatics for Earth and Space Sciences**
 - Yves-Louis Desnos
 - Pierre Philippe Mathieu
- » **#4: Visualization for scientific discovery and communication**
 - Jon Blower
 - Mohan Ramamurthy

- » Reinhard Budich
 - Meteorology and Climatology
- » Pier Giorgio Marchetti
 - Space
- » Kerstin Lehnert
 - Geochemistry
- » Giuseppe R. Manzella
 - Oceanography
- » Peter Fox
 - for the Liaison with AGU-ESSI
- » Science Officers should promote sub-programmes and encourage their colleagues to organize sessions.
- » They have served for many years. **THANK YOU!**
- » Any new volunteers? Present sub-programmes chairs are good candidates for Science Officers.

Deputy President

- » Outgoing Deputy President: Paolo Mazzetti
- » Served for 2 years
- » Thank you!!
- » Proposed Deputy President:
Jens Klump
- » Vote:
 - Yes: 51
 - No: 0
 - Abstention: 1



Early Career Representative



- » Each division can have an Early Career Scientist representative
- » Early Career Scientist representatives are a crucial link between the EGU and the young scientist community

Early Career Scientist Representative

- » The responsibilities can include (but aren't limited to):
 - organizing events for young scientists at our annual General Assembly,
 - outreach to young scientists and the wider public through social media or a division blog,
 - or establishing a mentoring programme for other young scientists
- » Outgoing: ECS representative:
Jennifer Roelens
- » THANK YOU!

Candidates for ESSI ECS Representative

- » **Christoph Stasch**
(52North, Germany)
- » **Diego Montes**
(University of Vigo, Spain)
- » *Voting:*
- » *Christoph Stasch: 38 votes*
- » *Diego Montes: 5 votes*
- » *Abstentions: 6*

*Christoph Stasch was duly elected as
EGU ESSI representative*

ECS Representative Election

- » Candidates (or a nominated proxy) will briefly introduce themselves
- » Voting procedure:
 - All attendees decide on their preferred candidate
 - A show of hands for each candidate will then be conducted
 - Votes will be counted and the name of the successful candidate announced.

4 PICO sessions





- » “The poster of the future”
- » What do you think about this format?








Session ESS13.2
State of the Art in Earth Science Data Visualization
2-Minutes-Madness: 08:30–08:56
PICO Viewing Time: 08:56–10:00
Please visit the touch screens and meet the authors

Decrease in sessions in subprogram ESSI4

ESSI4 – Visualization for scientific discovery and communication

- ★ ESSI4.2
Virtual Reality and Augmented Reality - from Pokemon Go! to the Anthronaut Experience 
Convener: Owen Gaffney  | Co-Conveners: Denise Young , Maria Schewenius 
▣ Posters / Attendance Thu, 27 Apr, 17:30–19:00 / Hall X4

- ★ SSS11.5/ESSI4.10/HS11.61/NH9.23
Communication of uncertain information in earth sciences: data, models and visualization (co-organized) PICO session 
Convener: Alice Milne  | Co-Conveners: Niklas Röber , Jon Blower , Michael Böttinger 
▣ PICOs / Fri, 28 Apr, 10:30–12:00 / PICO spot 1

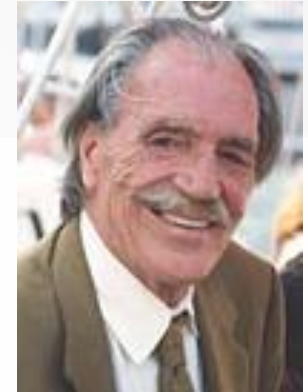
- » Total abstracts submitted: 11
- » Need to increase the number of sessions/
abstracts

Conveners beware!

- » Consequences of transferring abstracts to sessions where the ESSI is not the lead Division Consequences:
 - Positive impacts
 - Good science, better communication, improved integration of ESSI into other divisions
 - Negative impacts
 - Less abstracts in ESSI means less rooms next year and a smaller division.
 - Presenters can end up in sessions on another day and in other rooms isolated from the other ESSI sessions
- » Please try to *minimize* transfers to other divisions (even if it is *coorganized*)
- » If you have to merge sessions, try to ensure ESSI is the lead Division

Ian McHarg Medal

- » This medal has been established by the ESSI Division. Awarded for distinguished research in Information Technology applied to Earth and Space Sciences.
- » In recognition of the scientific achievements of Ian McHarg.
 - Glasgow 1920 – USA 2001
 - was pioneer of the concept of ecological planning
 - he set the basic concepts of the Geographic Information Systems.





2016

- » Helen Graves
 - Information technology for the marine geosciences



2013

- » Alessandro Annoni
 - information technology applications, data management, openness



2012

- » Peter Fox
 - informatics as a genuine discipline in Earth Sciences



2011

- » Monique Petitdidier
 - support of African scientists, outreach and 'science citizens'

ESRI reception

ESRI kindly sponsors a reception for the new medallist and all members of the Earth and Space Sciences Informatics (ESSI) Division

Thank you!!



Future nominations

» EGU members can submit nominations

<http://www.egu.eu/awards-medals/proposal-and-selection-of-candidates.html>

» **More than one candidate is required.**

» Nominations for 2018 candidates open now

» Deadline for nominations 15 June 2017



Ian McHarg Medal committee (2016)

- » Alessandro Annoni (4 years)
- » Lluís Pesquer (2 year)
- » Peter Baumann (3 years)
- » David Arctur (3 years)
- » Jose Miguel Rubio (2 years)
- » Helen Graves (1 year)

THANK YOU!

New medal committee for approval

- » Alessandro Annoni (chair)
- » Joan Maso
- » Paolo Diviacco
- » Lesley Wyborn
- » Paolo Mazzetti
- » Jose Miguel Rubio-Iglesias

- » Vote:
 - Yes: 51
 - No: 1
 - Abstentions: 0





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TWEETS
171

FOLLOWING
49

FOLLOWERS
131

LIKES
6

MOMENTS
0



You Retweeted



EGU @EuroGeosciences · 1h

Attendees are blogging about #EGU17, posts by @GeomechSteph @luisacristini @lanky_manky @esriuk @EarthServer_EU here egu.eu/9F62LH



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EGU_ESSI @EGU_ESSI · 4h

Meet the new ESSI President @HelenG66 & Early Career Scientist rep., Jennifer Roelens at #EGU17 on 25 April 15:30 - 17:00 at the EGU Booth

<http://www.egu.eu/outreach/social-media/>

Find the EGU on



Division President: election

- » Change in procedure
- » Next election now autumn 2017 (closing date 15 September 2017)
- » Successful candidate: deputy president until EGU GA 2019
- » All EGU members are eligible
- » Division President can stand for re-election only once

- » The division president has to:
 - Represent the division in three F2F meetings each year
 - October (Ismaning), February (Europe), April (EGU GA)
 - Act as Division Programme chair
 - Review and sort the GA sessions
 - Consolidate sessions after abstracts have been reviewed by conveners
 - Allocate oral/poster/PICO session
 - Identify people to do the real jobs:
 - Division medal committees
 - ECS representatives
 - Session conveners
 - Support provided by EGU and Copernicus.org

Outgoing Division President

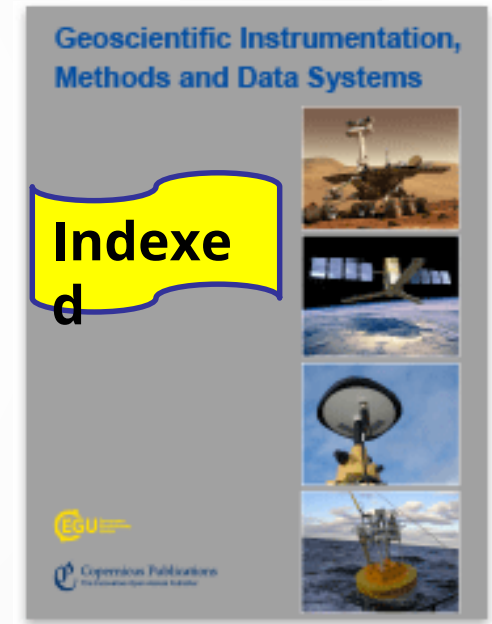
Dr. Joan Masó
ESSI Division President
2013 - 2017



Open Access Journals in EGU

» **Geoscientific Instrumentation, Methods and Data Systems (GI).** Topics:

- Retrieval techniques of scientific products from measurements;
- Calibration and data quality assessment;
- Uncertainty in measurements;
- Newly developed and planned research platforms and community instrumentation capabilities;
- Major national and international field campaigns and observational research programs;
- New observational strategies to address societal needs in areas such as monitoring climate change and preventing natural disasters;



EGU Galileo conferences

Purpose :

- Bring together up to 100 participants for a 3-5 days meeting to discuss a well-focused cutting-edge topic at the frontier of geosciences research in a stimulating environment.
- Possibility to publish a special Galileo Conference proceeding issue in one of the EGU journals

Support:

- EGU is putting at the conveners disposal the conference organization tools web hosting, abstract, programme and registration management.
- EGU provides comprehensive organisational support by organizing e.g. venue, poster boards, catering, Wi-Fi facilities, etc. Thereby the organising committee can fully focus on the scientific aspects of the conference.
- Support for Early Career Scientists (up to 5000€)
- EGU will cover any potential event deficit.

www.egu.eu/meetings/galileo-conferences/