



GEODYNAMICS DIVISION MEETING 2017

Agenda:

1. EGU News
2. Division Officers and Division Deputy President
3. Medals/Awards
 - Augustus Love Division Medal
 - Division Medal Committee
 - Division Early Career Scientist Award
 - Outstanding Student Poster Awards
 - Travel grants
4. EGU feedback
5. Scientific Programme for EGU-2017
6. EGU Conferences
7. EGU Publications
8. Any other business



EGU News

EGU President (new): Jonathan Bamber

Geodynamics Division President (new): Paul Tackley

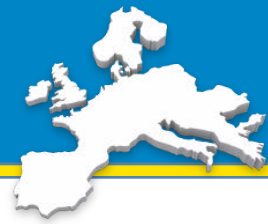


EGU News

EGU President (new!): Jonathan Bamber

Geodynamics Division President (new): Paul Tackley

- thank you Irina for 4 years service



Election of a new division president

- new procedure: the incoming president will first serve 1 year as deputy president

Nominations – ~September 2017

Voting - ~November 2017

Start as deputy president - EGU 2018

Start as president - EGU 2019

- I would be happy to continue for a second term



Division Group		Division Officers
GD1	Geodynamics General Sessions	GD President
GD2	Crust, Lithosphere, and Asthenosphere: Observations and models	Irina Artemieva
GD3	Mantle Dynamics	Paul Tackley
GD4	Core Dynamics	Andy Biggin
GD5	Plate Tectonics and Geodynamics	Hans-Peter Bunge
GD6	Regional Geodynamics	Paul Tackley
GD7	Experimental/Theoretical Studies on Earth Materials Relevant to Geodynamics	Shun Karato
GD8	Integrated Geophysical Observations and Modelling in Geodynamics	Irina Artemieva



Division structure

Proposal for Division Officers

GD Division Officers

Deputy President: Jeroen van Hunen

Irina Artemieva

Andy Biggin

Hans-Peter Bunge

Shun Karato

To be approved by the Division Meeting



The EGU Awards & Medals:

At Union level:

- The Union Medals for senior scientists including the most prestigious awards made by the Union that are associated with an EGU Honorary Membership. Arthur Holmes Medal (J-P. Brun, T. Torsvik, C. Laj, K. Burke, S. Cloetingh, V. Courtillot, ...)
- The Union Arne Richter Outstanding Early Career Scientists Awards

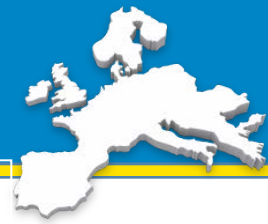
At Division level:

- The Division Outstanding Early Career Scientists Award (1)
- The Division Augustus Love Medal for a distinguished scientist (1).

In relation with its General Assemblies, EGU presents the Outstanding Student Poster/PICO (OSPP) Award to further improve the overall quality of poster/PICO presentations and, most importantly, to foster the excitement of younger colleagues in presenting their work in poster or PICO form.



Geodynamics Division Augustus Love Medal



**The Augustus Love Medal
is awarded to a distinguished scientist
in the field of geodynamics,
comprising mantle and core convection,
tectonophysics,
post-glacial rebound and
earth rotation.**



The medal has been exclusively designed for the EGU by József Kótai.

The EGU Augustus Love Medal previous recipients



2005: Geoff Davies (ANU, Australia)



2006: Jerry X. Mitrovica (Harvard, USA)



2007 : David Gubbins (Leeds, U.K.)



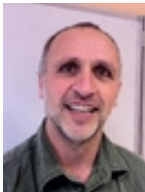
2008: Richard J. O'Connell (Harvard, USA)



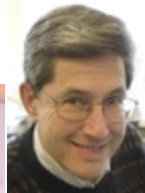
2009: Ulrich R. Christensen (Max Planck Inst., Germany)



2010: Philip England (Oxford, U.K.)



2011: Bradford Hager (MIT, USA)



2012: Yanick Ricard (ENS-Lyon, France)



2013: Michael Gurnis (CalTech, USA)



2014: Shun-Ichiro Karato (Yale, USA)



2015: Gregory Houseman (Leeds, U.K.)



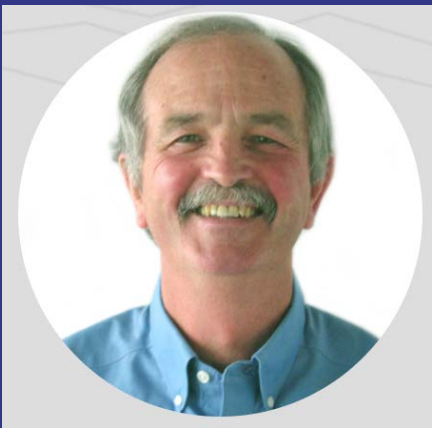
2016: Jason Phipps Morgan (Royal Holloway, U.K.)

The 2017 Augustus Love Medal
is awarded to

Barry Parsons

for his wide-ranging
contributions to

Geodynamics, including major
scientific breakthroughs in
marine geophysics, mantle
convection and continental
tectonics.



Augustus Love Medal Lecture
Thursday 13:30–14:30 Room K1



EGU Medals: Please nominate your colleagues !!!

- Any person is eligible to receive one EGU Medal.
- Any EGU member can submit nomination for a colleague for an EGU medal and awards.
- Nominations for all the medals and awards are to be sent by e-mail by 15 June of each year (absolute deadline).
- Candidates for the Union and Division medals are evaluated by the respective Medal Committees and finally approved by the Council.
- Medal committees consist of previous recipients and past division president

All details are on EGU web-site



GD Medal Committee

Composition of the Division Medal committees:

- **Chair:** Term is one year and can be renewed 3 times.
- **Minimum three additional members**, preferentially past medalists. Term is one year and can be renewed three times. At least one member of the committee is replaced every year. The role of the past medalists is, among other things, to maintain the quality of the medal by judging the candidates' achievements.
- Division president as ex-officio member.
- Chair of the Union Awards Committee as ex-officio member.

Nominations for medal committees are discussed at business meeting and are appointed by the Council.



GD Medal Committee

2017 proposal

Committee Chair	Committee Members without Ex-Officio Members	Term #	Medal (year)
Irina Artemieva	Barry Parsons	1	2017
(past GD	Jason Phipps Morgan	2	2016
president)	Gregory Houseman	3	2015
	Shun Karato	4	2014

To be approved by the Division Meeting

Nominations for medal committees are discussed at the GD division meeting and are appointed by the Council.



The Division Outstanding Early Career Scientist Award

Early career scientist:

<7 years from highest degree (normally PhD)
(*new*: no age limitation)



The Division Outstanding Early Career Scientist Award (OECSA) recognizes scientific achievements in the field covered by the related Division, made by a young scientist.

Selection procedure:

by votes of the Division Officers

The “winner” of the Division OECSA competes for the Arne Richter EGU OECSA with other divisions OECSA winners

EGU Geodynamics Division Outstanding Early Career Scientist Award

Previous recipients:

2011: Boris Kaus
(Arne Richter OYSA)

2012: Richard Foa Katz

2013: Juan Carlos Afonso

2014: Rhodri Davies

2015: Manuele Faccenda
(Arne Richter OYSA)

2016: Grace Shephard
(Arne Richter OYSA)

2017 medalist



Nicolas Flament



EGU Geodynamics Division Outstanding Early Career Scientist Award

The 2017 GD Division Outstanding Young
Scientist Award is awarded to

Nicolas Flament

For his contribution to understanding
global mantle dynamics by combining
geodynamic and seismic models with
geological data and field observations.



GD Division OECS Award Lecture by Nicolas Flament
Friday 13:30–14:00 Room K1



The Division Outstanding Early Career Scientist Award

Nominations for all the medals and awards are to be sent by e-mail by 15 June of each year (absolute deadline).

Please nominate your young colleagues !!!

Gender statistics:

30% of EGU are females

10% of GD medallists are females



The Division Outstanding Student Poster \ PICO Award



Outstanding Student Poster/PICO (OSPP) Award

Eligible for the **OSPP Award** are students that:

- are first author and personally present the poster at the conference;
- satisfy one of the following criteria:
 - are a current BSc, MSc, or PhD student;
 - are a recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference) who are presenting her/his thesis work.



Outstanding Student Poster (OSP) Award

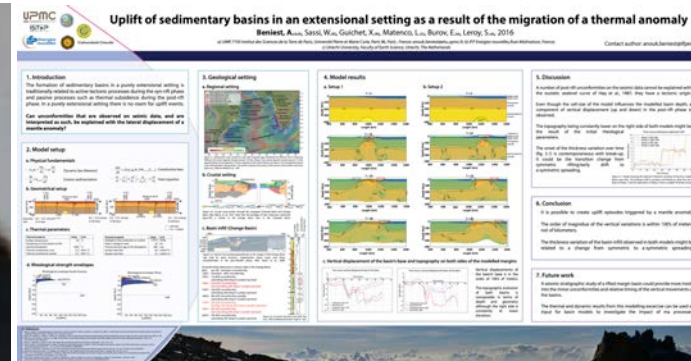
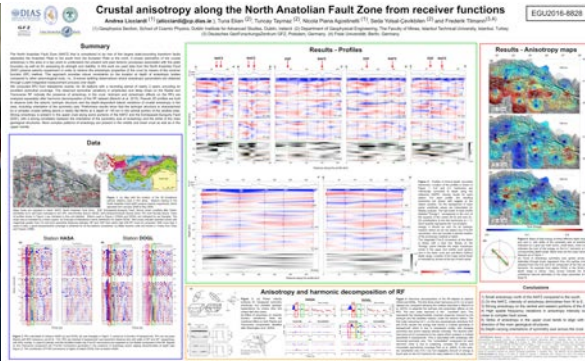
Scientific content	Correctness of methods and information
	Significance of the work
	Originality and creativity of the approach
	Conclusions supported by data and analysis
	Authors knowledge of the subject matter and comprehension of prior research in the field
Presentation technique	Organization and logical structure (e.g., clearly stated questions, results and conclusions)
	Visual clarity (clarity of figures, appropriate font sizes, effective use of space, headings, ...)
	Aesthetic appeal (layout, use of <u>color</u> , density of information, neatness, ...)
	Good writing (easily readable, spelling, grammar)
	Ability to answer questions



Outstanding Student Poster Awards EGU-2016 contest

Andrea Licciardi

Anouk Beniest



“Crustal anisotropy along the North Anatolian Fault Zone from receiver functions”

“Uplift of sedimentary basins in an extensional setting as a result of the migration of a thermal anomaly”



OSPP coordinator (new):

Jean-Arthur Olive (jaolive@ldeo.columbia.edu)

Thank you previous coordinators
Maxim Ballmer & Ana-Cataline Plesa

Students:

Please don't forget to register next year

Seniors:

please volunteer to be OSPP judges !!!

Only 25 OSP registered for EGU-2015

Ca. 50 OSPP registered for EGU-2016

46 OSPP registered for EGU-2017



GD Early Career Scientist (ECS) representative

Adina Pusok (U. California San Diego)
ecs-gd@egu.eu



Each of the division ECS representatives gather feedback from ECS in their fields.

An Early Career Scientists (ECS) is an undergraduate or postgraduate (Masters/PhD) student or a scientist who has received his or her highest degree (BSc, MSc, or PhD) within the past seven years*.

*(+up to one year of parental leave time may be added per child, where appropriate)



GD ECS Activities over the past year

Social media:

1. GD Division **Facebook page**
2. Coming up: **Division blog** (Coordinator Iris van Zelst, ecs-gd@egu.edu)

EGU Geodynamics Division

EGU Geodynamics Division
@eguGD

Home
Posts
Photos
About
Likes
Create a Page

Liked Following Share ...

Send Email Message

Non-Profit Organization

Invite friends to like this Page

This is the official Facebook page of the Geodynamics (GD) Division of the European Geosciences Union (EGU).
99 Likes

EGU Geodynamics Division
19 hrs · 🌐

The EGU General Assembly 2017 is about to start in Vienna!
Before heading to the opening reception (6.30pm, Foyer E), a couple of events next week relevant to the Geodynamics division:
*** Geodynamics division special events ***... [See More](#)

EGU Activities for



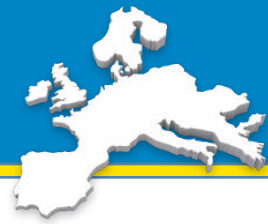
GD ECS Activities over the past year

Imaggeo – EGU’s open access media repository

- upload movies in an open community platform and help create a GD movie database

The screenshot shows the Imaggeo website interface. At the top, there is a search bar with the 'imaggeo' logo and navigation options: 'View by: Category Region Map User Tag'. To the right, it says 'The open access geosciences image repository of the European Geosciences Union' with the EGU logo and a 'Log in' button. Below the navigation, the breadcrumb path is 'Home / Category / Geodynamics (258 entries)' and there is a 'newest' dropdown menu. The main content area displays a grid of eight image thumbnails, each with a caption and author name:

- Breath of the underground** by Néstor Campos
- Stone mosaic of the North** by Pavel Serov
- Stone roads of the Barents Sea** by Pavel Serov
- At the edge of the Earth** by Pavel Serov
- The breath of the depth**
- The various meanings of field work**
- Aerodynamics of Mountains**
- Tibetan Plateau: Seconds to Hell**



GD ECS Activities over the past year

GD Social events during GA2017:

- **GD drinks tonight** at 8.30pm @ Bermuda Bräu (Rabensteig 6, 1010 Wien)
- **ECS GD informal lunch** – Thursday @12.15 – meet outside the meeting center



GD ECS informal lunch
@AGU2016





EGU ECS representative at Union level

Meeting and networking



- ECS Meeting Corner and Lounge
- ECS Forum – **Wed, 12.15-13.15 (Room L2)**
- ECS Representative Meeting – **Fri, 12.15-13.15**

Roelof Rietbroek (new)

The Union-level representative gathers information from each of the division reps and takes it to the EGU's Programme Committee and to the EGU Council.





EGU Travel Awards



EGU Travel Awards

Two types of awards:

YSTA – young scientist TA

ESTA – established scientist TA

Scheme	Target audience	Approximate Funding allocation	Funding
Young Scientist's Travel Award (YSTA)	Young scientists (world wide with earmarked funds for European economically disadvantaged (EED) countries)	EED: 30-35%	<ul style="list-style-type: none"> • Registration • APC • Maximum of €300 travel expenses
		Other countries: 50-60%	
Established Scientist's Travel Award (ESTA)	Established scientists (low and lower middle income countries)	10-20%	



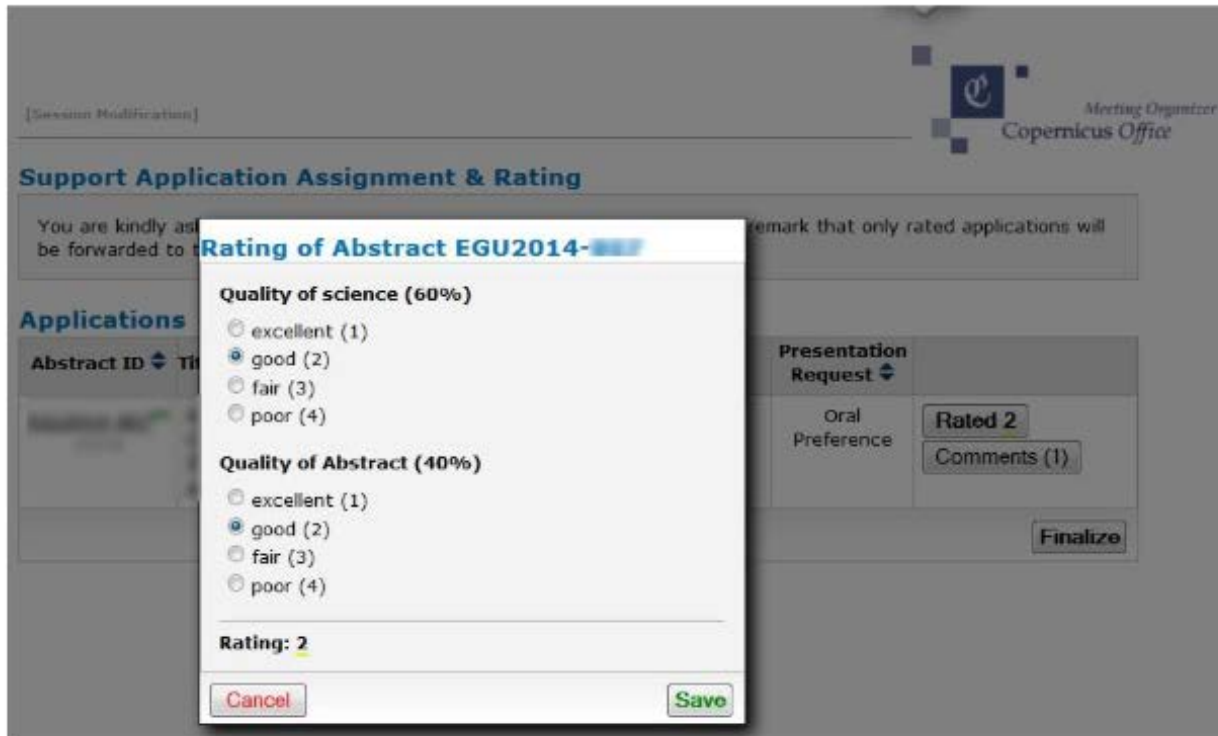
EGU Travel Awards

Selection procedure:

step 1. ranking by conveners;

step 2, ordering by Division President;

step 3, ranking by the EGU-wide travel awards committee



[Session Modification]

Meeting Organizer
Copernicus Office

Support Application Assignment & Rating

You are kindly asked to rate the applications. Please remark that only rated applications will be forwarded to the selection committee.

Rating of Abstract EGU2014-XXXX

Quality of science (60%)

- excellent (1)
- good (2)
- fair (3)
- poor (4)

Quality of Abstract (40%)

- excellent (1)
- good (2)
- fair (3)
- poor (4)

Rating: 2

Cancel Save

Applications

Abstract ID Title

Presentation Request

Oral Preference

Rated 2

Comments (1)

Finalize



EGU General Assembly 2017 facts

As of 19 April (17:01), 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
- 11,331 registrations in advance | +3.55% (2016)
- 649 unique scientific sessions | 88 short courses | 322 side events*
- 383 out of 649 scientific sessions are co-organized (59%)
- The 383 co-organized include 12 IE sessions with 261 presentations
- Original sessions: 1,432; 1,059 still active, 373 withdrawn
- Withdrawn: 356 scientific sessions and 17 side events

*Side events include: SSE (w/o US), OEM (w/o EOS), STM (w/o SC), FAN, AM



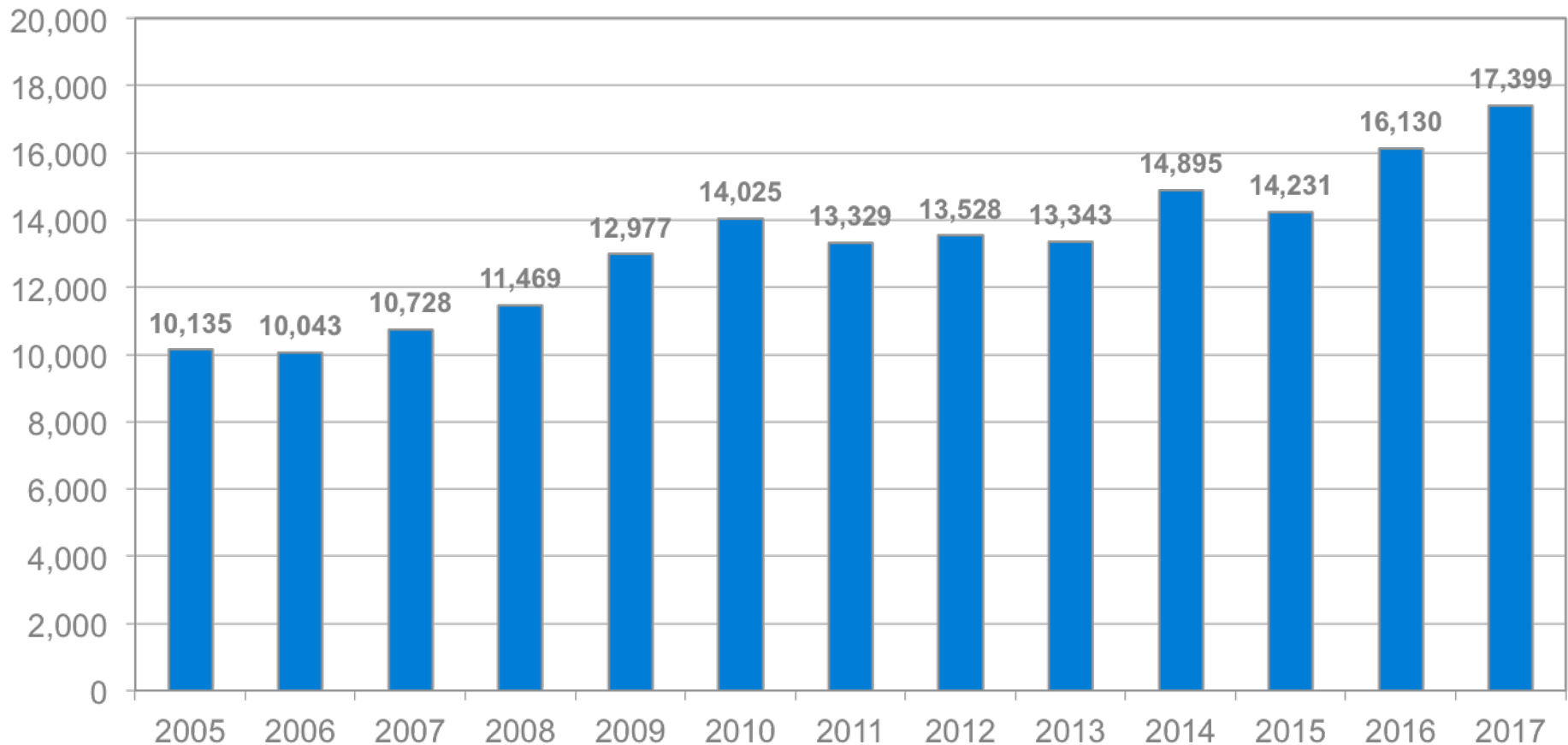
European Geosciences Union General Assembly 2017

Vienna | Austria | 23–28 April 2017

EGU.eu

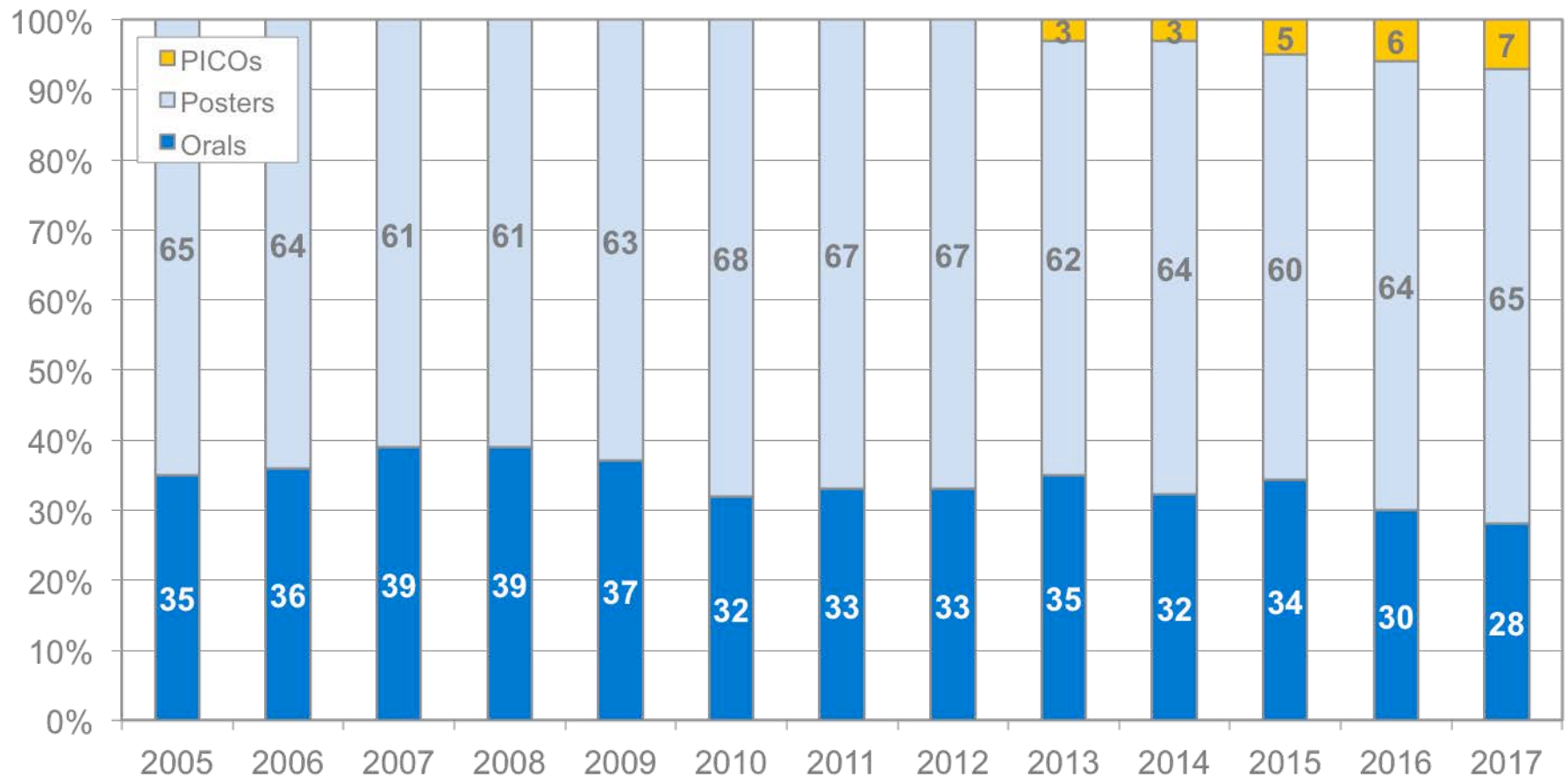


Papers in programme 2005–2017





Presentation ratio 2005–2017





EGU-2017 feedback

What can be improved?

What were the problems?

- Sessions?
- Rooms?
- Organization?
- Information?
- Food?



PLEASE SUBMIT YOUR PROPOSALS FOR EGU-2018
SESSIONS!

PLEASE TALK TO EACH OTHER – TO JOIN FORCES
ON CLOSE TOPICS

PICOs as future “standard”



Publications

The EGU, through Copernicus Publications, publishes 16 peer-reviewed open access journals covering various topics of the Earth, planetary and space sciences.

Solid Earth – EGU journal in geosciences,
IF=1.371 (2014)
IF=2.155 (2015)

Two-stage publications with public peer-review and interactive public discussions.

The discussion and peer-review of submitted papers are handled in the open access discussion forums (e.g., Solid Earth Discussions).

Final papers, upon acceptance, appear in the corresponding peer-review journals (e.g. Solid Earth).



EGU Galileo conferences

- Address well-focused cutting-edge topics at the frontier of geosciences research.
- 3-5 days meeting for discussion and debate for about 100 participants.
- EGU provides comprehensive organizational support allowing organizing committees to focus on the scientific aspects.
- Aside from partly sponsoring the event, EGU is giving a deficit guarantee.
- **2 stage application process on-line.**



Topical meetings

EGU runs

- **conference series**,
 - Alexander von Humboldt Conferences
 - International Workshops on Mantle and Lithosphere Dynamics
- **topical meetings**,
- **workshops**, and
- **training schools**,

for the benefit of all scientists and with special attention to the needs of young scientists.

GD Meetings Calendar

<http://www.egu.eu/gd/meetings/>