



GEODYNAMICS DIVISION MEETING

Agenda:

1. EGU News
2. Division Officers and Division Deputy President
3. Medals/Awards
 - Augustus Love Division Medal
 - Division Medal Committee
 - Division Young Scientist Award
 - Outstanding Student Poster Awards
 - Travel grants
4. EGU-2015 feedback
5. Scientific Programme for EGU-2016
6. EGU Conferences
7. EGU Publications
8. Any other business





EGU News

EGU President: **Hans Thybo**
Past EGU President: **Günter Blöschl**

Geodynamics Division President:
Irina Artemieva
(re-elected for the next 2 years)

EGU stays in Vienna until 2019 (2024?)





European Geosciences Union

Geodynamics Division Meeting



	Division Group	Division Officers
GD1	Geodynamics General Sessions	Irina Artemieva
GD2	Crust, Lithosphere, and Asthenosphere: Observations and models	Irina Artemieva
GD3	Mantle Dynamics	Paul Tackley
GD4	Core Dynamics	Hagay Amit
GD5	Plates, Plate Tectonics, and Regional Geodynamics	Hans-Peter Bunge
GD6	Mantle Dynamics and Lithosphere Evolution	Magdalena Scheck-Wenderoth and Paul Tackley
GD7	Experimental/Theoretical Studies on Earth Materials Relevant to Geodynamics	Shun Karato
GD8	Integrated Geophysical Observations and Modeling in Geodynamics	Alan Jones



Division structure

1) Proposal for Deputy President
Paul Tackley (ETH)

2) Proposal for Division Officers

To be approved by the
Division Meeting

GD Division Officers

Paul Tackley

Hagay Amit

Hans-Peter Bunge

Shun Karato

Alan Jones



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
- The Union Awards including the Arne Richter Outstanding Young Scientists Awards

At Division level:

- The Division Outstanding Young Scientists Award (1)
- The Division (Augustus Love Medal for mid-career scientists (1).

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



Geodynamics Division Augustus Love Medal for mid-career scientists





**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)		2010: Philip England (Oxford, U.K.)	
2006: Jerry X. Mitrovica (Harvard, USA)		2011: Bradford Hager (MIT, USA)	
2007 : David Gubbins (Leeds, U.K.)		2012: Yanick Ricard (ENS-Lyon, France)	
2008: Richard J. O'Connell (Harvard, USA)		2013: Michael Gurnis (CalTech, USA)	
2009: Ulrich R. Christensen (MPI, Germany)		2014: Shun-Ichiro Karato (Yale, USA)	



European Geosciences Union Geodynamics Division

Augustus Love Medal 2015



Gregory Houseman

(Leeds University, U.K.)





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 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 medallists 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 appointed by the Council.



GD Medal Committee

2015-proposal

Committee Chair	Committee Members without Ex-Officio Members	Term #	Medal (year)
Huw Davies	Gregory Houseman	1	2015
(past GD	Shun Karato	2	2014
president)	Michael Gurnis	3	2013
	Yanick Ricard	4	2012

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



The Division Outstanding Young Scientist Award

Young scientist:
<35 y. o.,
<7 y. from PhD

Change of name: will be “Early Career Scientist”



The Division Outstanding Young Scientist Award (OYSA) 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 OYSA competes for the Arne Richter EGU OYSA with other divisions OYSA winners





Geodynamics Division Outstanding Young Scientist Award

Young scientist: <35 y. o., <7 y. from PhD

Previous recipients:

2011: Boris Kaus (Arne Richter OYSA)

2012: Richard Foa Katz

2013: Juan Carlos Afonso

2014: Rhodri Davies

2015 recipient – Arne Richter OYSA:

Manuele Faccenda





The Division Outstanding Young Scientist Award

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

(only 3 nominations in 2014 and only 2 in 2015)

Please nominate your young colleagues !!!





The Division Outstanding Student Poster

Young scientist:
<35 y. o.,
<7 y. from PhD

Outstanding Student PICO Award ???

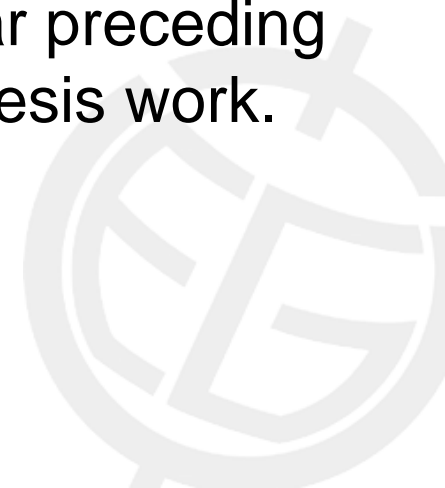




Outstanding Student Poster (OSP) Award

Eligible for the **OSP 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

		0	1	2	3	4	5	6	7	8	9	10
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											

0 is very poor, 5 is average, 8 is very good and 10 is outstanding

What was the one thing you liked most about the poster?



Outstanding Student Poster Awards EGU-2014 contest



Benjamin Maunder

*“Fluid Release and the
Deformation of Subducting
Crust”*



Helene A. Kraft

*“Central-east Greenland’s
lithospheric structure from
surface wave tomography
and receiver functions”*



OSP coordinators:

Maxim Ballmer (ballmer@hawaii.edu)

Ana-Catalina [Ina] Plesa (Ana.Plesa@dlr.de)

GD Outstanding Young Scientists Committee Chair

Bert Vermeersen (I.l.a.vermeersen@tudelft.nl)

Students:

Please don't forget to register next year

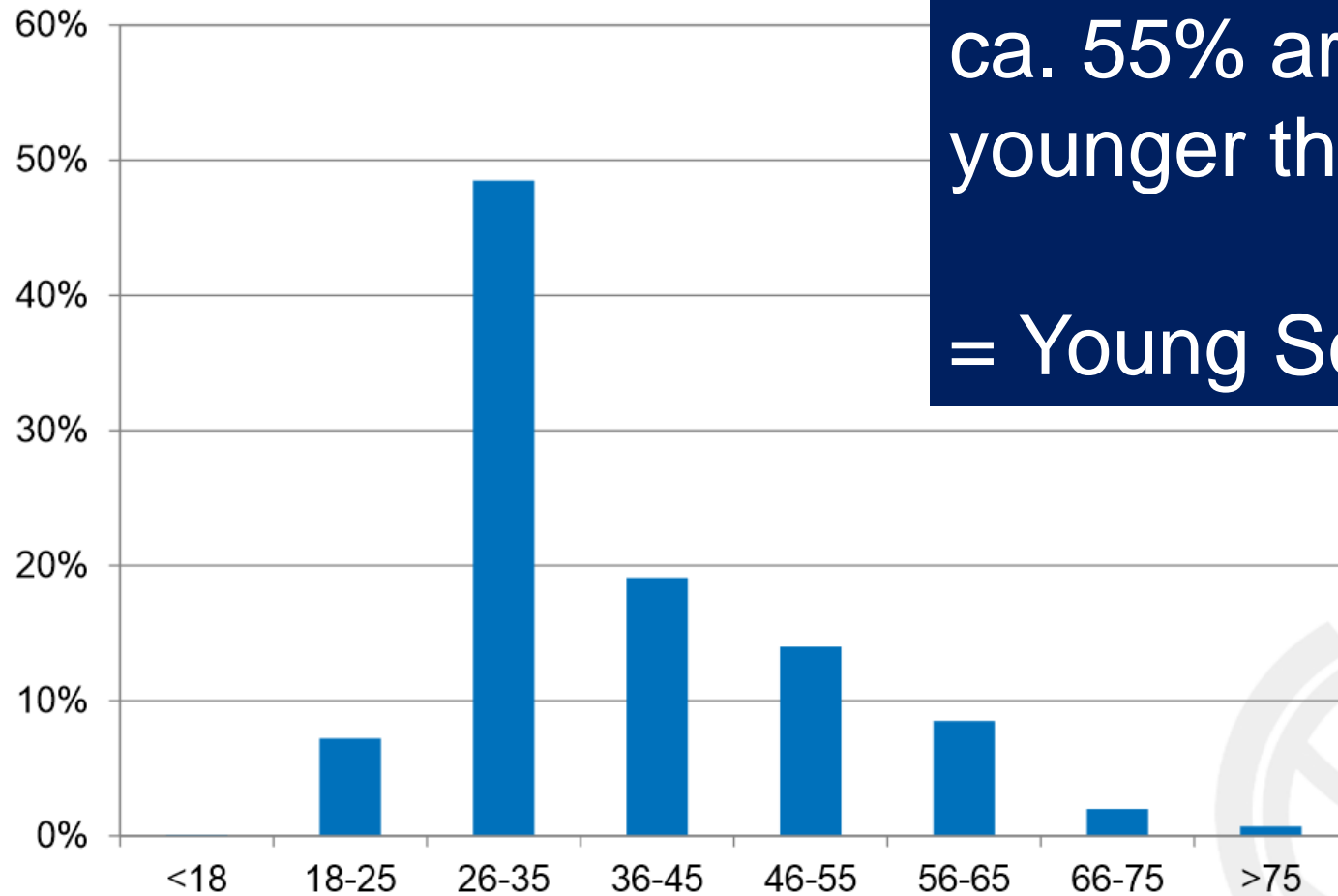
Seniors:

please volunteer to be OSP judges !!!

Only 25 OSP registered for EGU-2015
(ca. 15% of GD-YS attending EGU-2015)



Survey participant age



ca. 55% are younger than 35
= Young Scientists

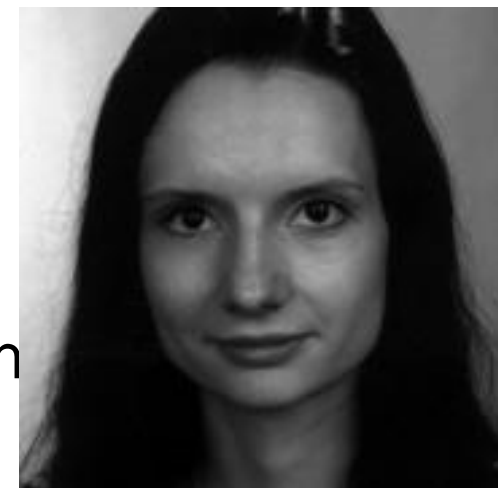


GD young scientist representative

Ana-Catalina [Ina] Plesa

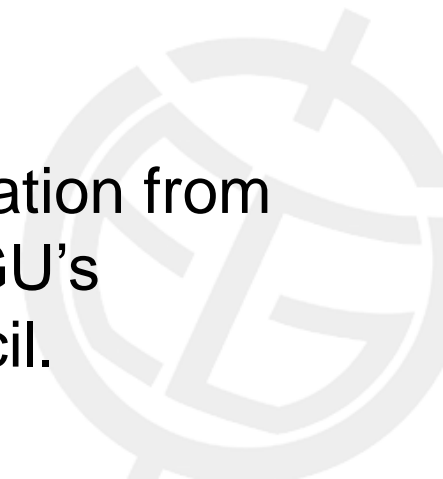
(Ana.Plesa@dlr.de)

Postdoc @ German Aerospace Center, Berlin



Each of the division young scientist representatives gather feedback from young scientists in their fields.

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.





New EGU young scientist representatives at Union level



Wouter Berghuijs, from
the Hydrology Division,
Head Representative



Lena Noack,
from Planetary Sciences,
Deputy Head Representative





Young Scientists and the EGU

- YS representation has blossomed: all divisions but two have YS reps (EMRP & GI)
- Reps meet regularly & are encouraging greater YS participation at GA
- YS feedback survey: 68% feel YS are well-represented in the EGU

Meeting and networking

- Young Scientists (YS) Meeting Corner
- YS Lounge
- YS Representative Meeting





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%	



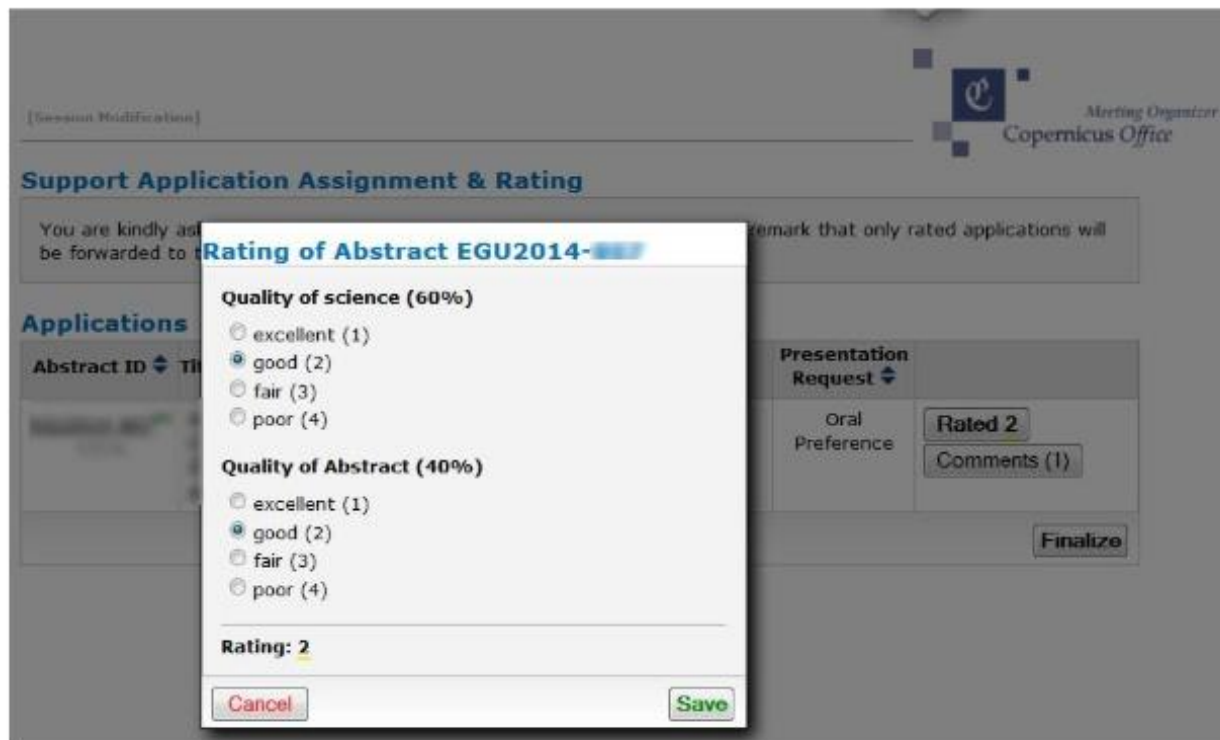
EGU Travel Awards

Selection procedure:

step 1. ranking by conveners;

step 2, ordering by Division President;

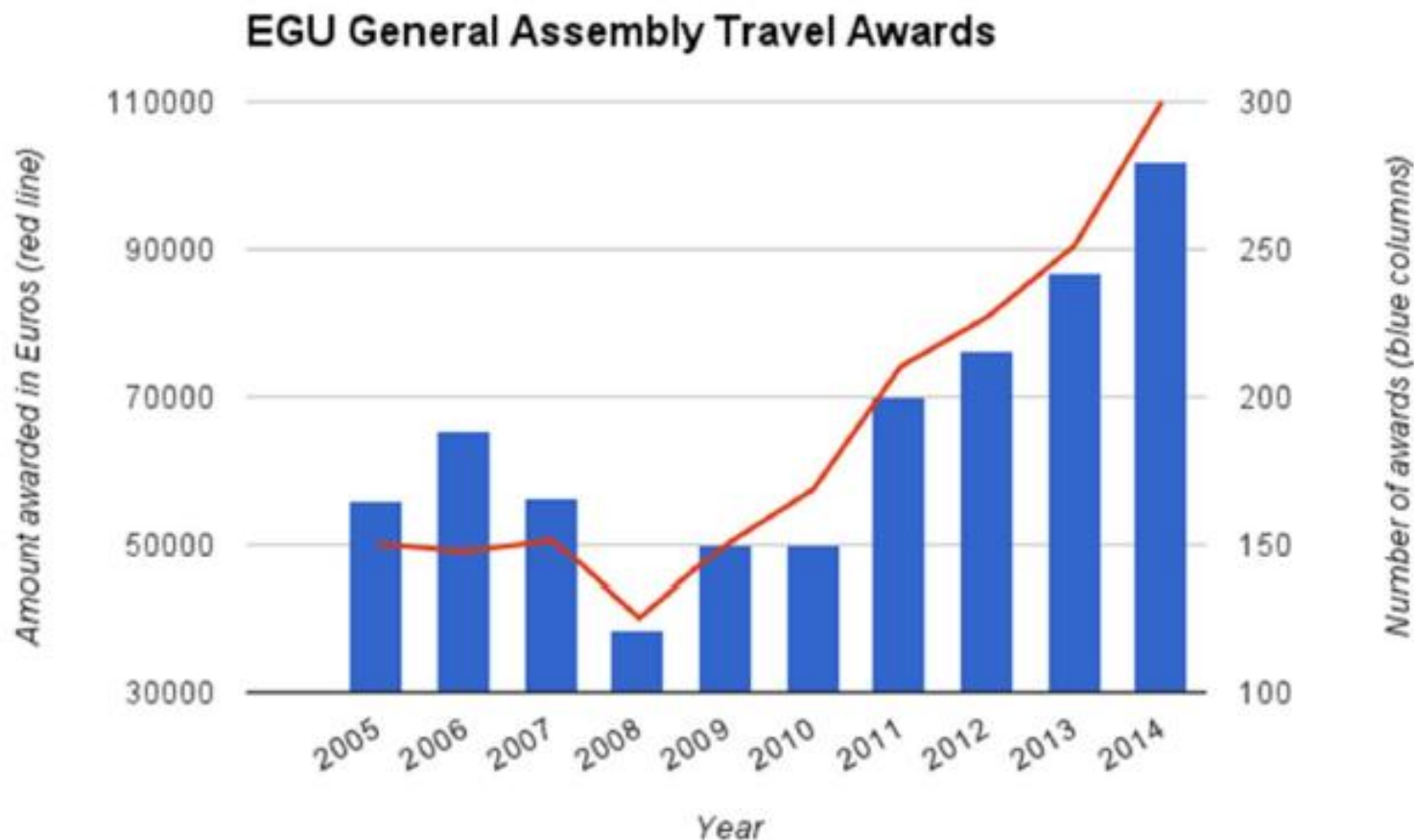
step 3, ranking by the EGU-wide travel awards committee

A screenshot of a web application interface for rating abstracts. A modal window titled 'Rating of Abstract EGU2014-' is open, showing two rating sections. The first section, 'Quality of science (60%)', has radio buttons for 'excellent (1)', 'good (2)', 'fair (3)', and 'poor (4)', with 'good (2)' selected. The second section, 'Quality of Abstract (40%)', has radio buttons for 'excellent (1)', 'good (2)', 'fair (3)', and 'poor (4)', with 'good (2)' selected. Below these sections, it says 'Rating: 2'. At the bottom of the modal are 'Cancel' and 'Save' buttons. In the background, the main interface shows 'Support Application Assignment & Rating' and 'Presentation Request' with a 'Rated 2' button and a 'Comments (1)' button. The top right of the background interface says 'Meeting Organizer Copernicus Office'.



Young Scientist Travel Awards

9 YSTA granted to GD in 2015

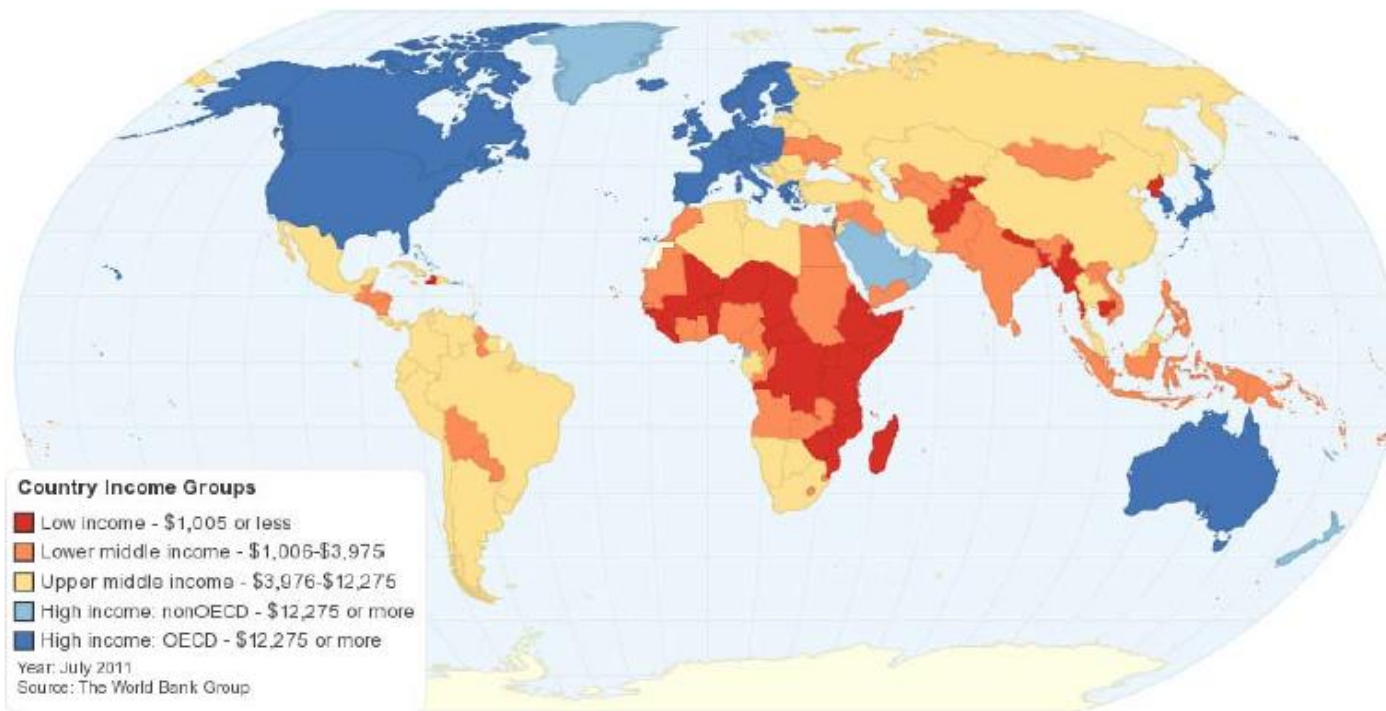




Established Scientist Travel Awards

1 ESTA granted to GD in 2015

Eligible for ESTA - Red and orange





Meeting statistics

EGU-2015

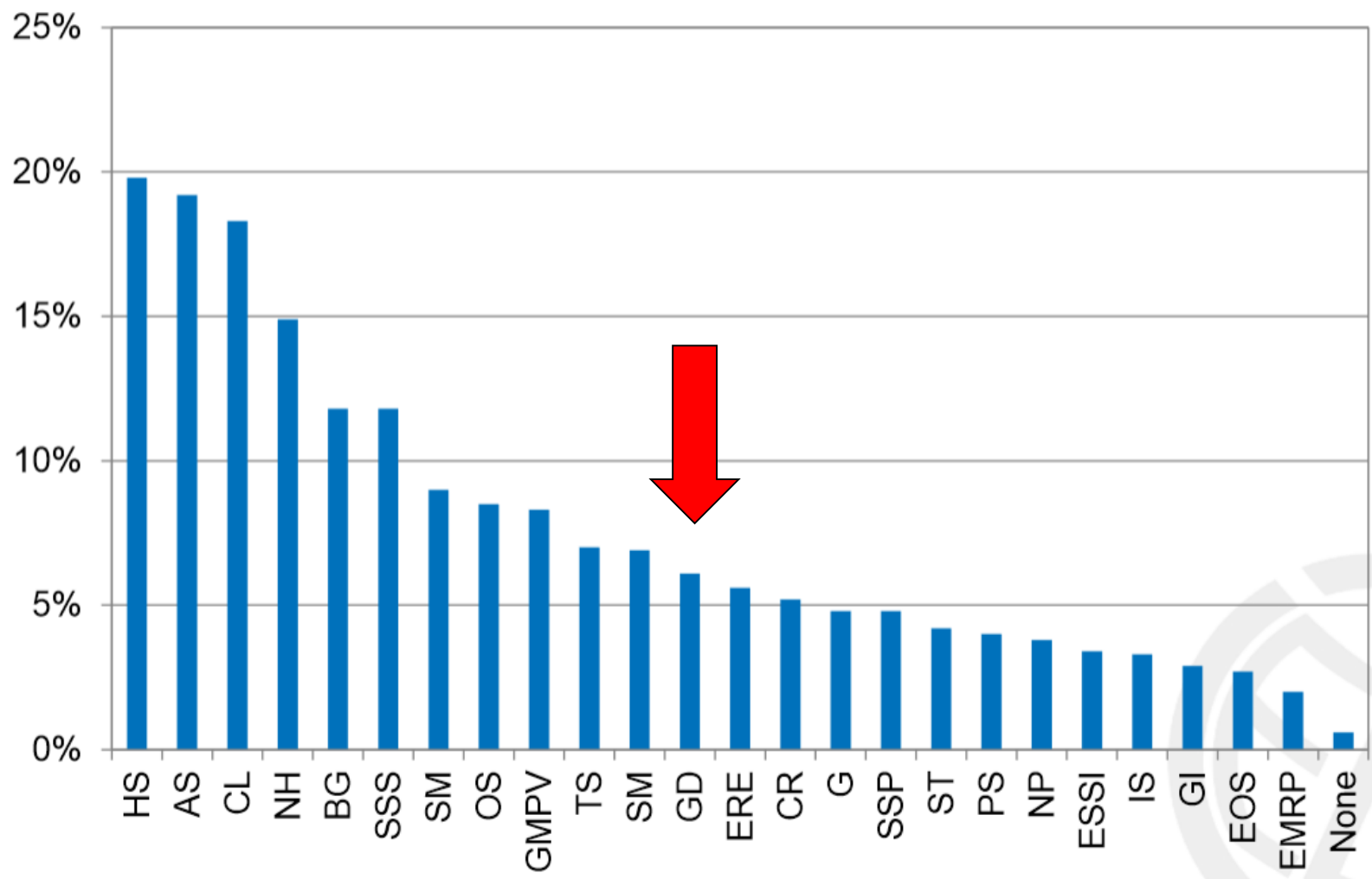
Ca. 5,000 oral,
8,800 poster,
and 1,500 PICO presentations
in 874 disciplinary scientific sessions.

Total number of abstracts at EGU-2015: 14,749



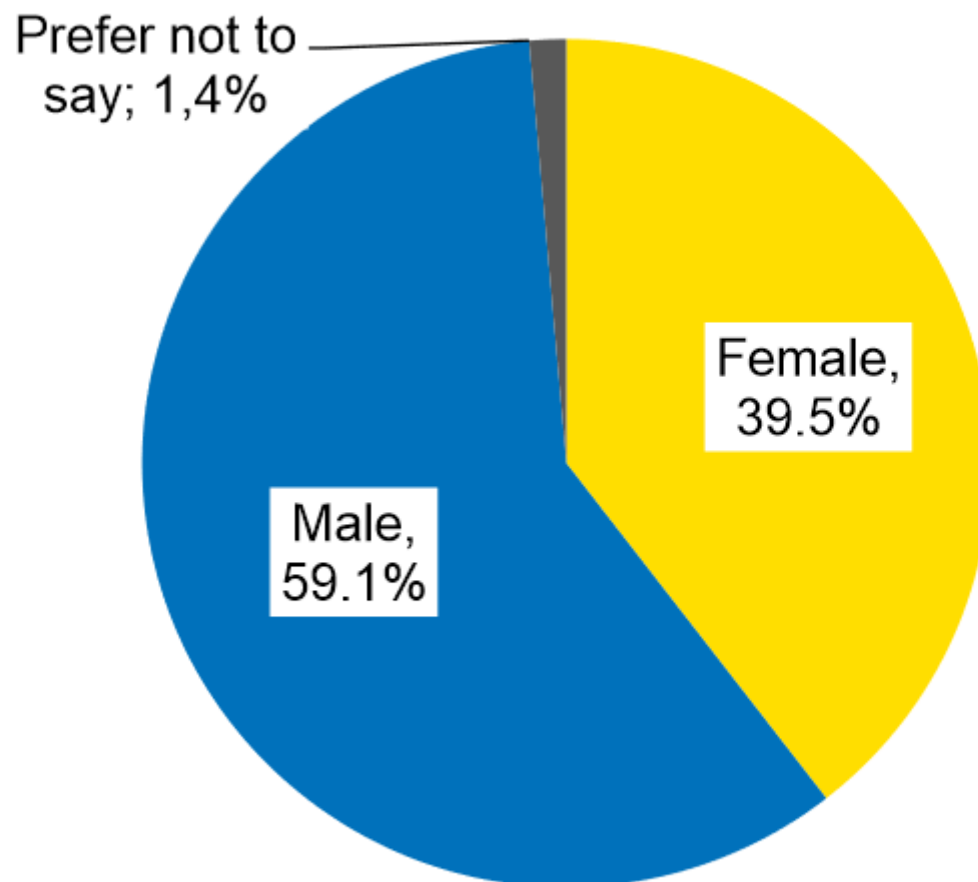


What programme group/s or division to you associate most with?





Survey participant gender



Previous years:

- 2013: 60% Male | 38% Female | 2% Prefer not to say



Growth in GD abstracts from EGU-2013 to EGU-2014

2013: 349 abstracts (581 with co-org. sessions)
14 sessions (+7 co-organized)
Average # of abstracts per session: 25

2014: 507 abstracts (1098 with co-org. sessions)
13 oral/poster sessions + 2 PICOs
Average # of abstracts per session: 34

2015: 358 abstracts (881 with co-org. sessions)
requests: 197 orals +161 posters
scheduled:
35 % orals, 57% posters, 8% PICO
13 oral/poster sessions + 3 PICOs



PLEASE SUBMIT YOUR PROPOSALS FOR
SESSIONS!

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

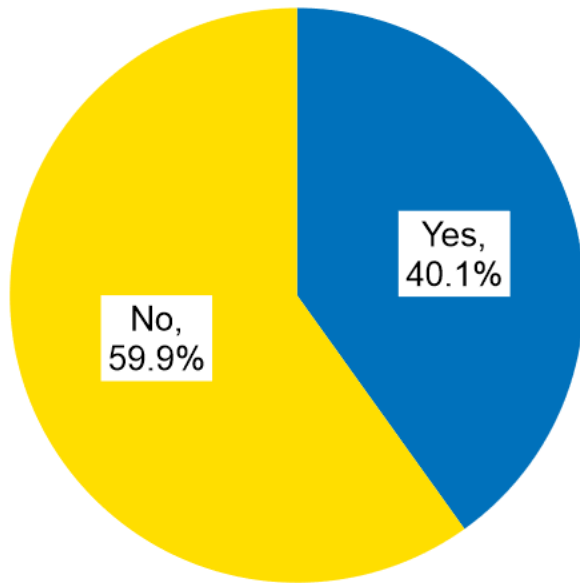
PICOs as future “standard”





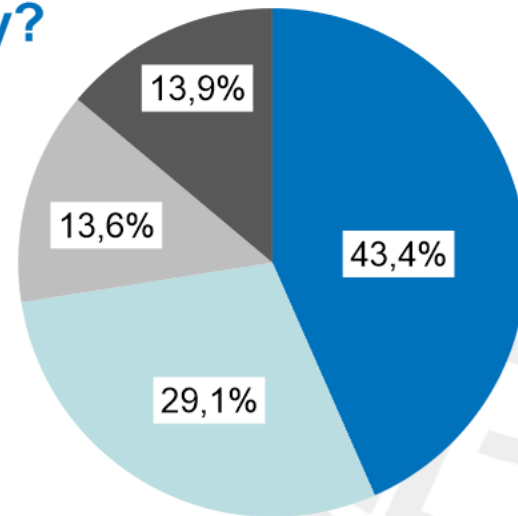
EGU-2014 feedback

Did you attend one of the PICO sessions?



If not, why?

- Conflict
- No interest
- Did not know about it
- Other





EGU-2015 feedback

What can be improved?

What were the problems?

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





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 organisational 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. “Deadline” for 1st round of applications **November 30th 2015** (submission page coming up in summer).



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/>





Call for Papers

C | A | U

Christian-Albrechts-University at Kiel
Institute of Geosciences
Geophysics

The Rolf-Meissner-Symposium: From Crustal Seismology to Geodynamics

Kiel, Germany, 05-06* June 2015

The Rolf-Meissner-Symposium aims at on- and offshore lithospheric research - its current state and future development. Emphasis is on

- crustal and lithospheric seismology and its role in developing geodynamic models,
- integrating seismic with petrology, tectonics, gravity and electromagnetics,
- geodynamic modelling based on seismic and other constraints.



The symposium is held in memory of Rolf Meissner (1925-2014)

Conceptual as well as case studies are welcome. Papers of this international symposium will be published in a special issue of *Tectonophysics*.

Keynote speakers are, among others, I. Artemieva (Univ. Copenhagen, Geodynamics Division President of the EGU), L. Brown (Cornell Univ.), W. D. Mooney (U.S. Geological Survey, Past President of Seismology Section of the AGU), J. Mechie (GFZ Potsdam), H. Thybo (Univ. Copenhagen, Vice-President of the EGU).

*) A post-symposium field trip to the UNESCO World Natural Heritage of the Halligen tidelands is planned for 07 June 2015

Information and registration:

www.ifg.uni-kiel.de/Rolf-Meissner-Symposium.html

Deadline for Abstract submission: 01 April 2015

Contact

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Communication Activities at the Assembly

EGU Today

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and GeoCinema screenings, amongst activities at the Assembly
- Paper copies are distributed daily and are available to download at www.egu2014.eu/egu_today

Blogs

- GeoLog & the EGU Blog Network are 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](https://twitter.com/EuroGeosciences)) and Facebook (**European Geosciences Union**)
- Participants can ask questions & keep updated by following **#EGU2014**





EGU Office – Communications

- **GeoQ, the EGU newsletter: 4 issues in 2014**

The last one: December 2014

- **A new format for the EGU Newsletter: email newsletter – monthly**
- **Started end January 2015**

EGU NEWSLETTER

Monthly information service for members
of the European Geosciences Union





Please send feedback, wishes,
comments, critics

gd@egu.eu

