



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-2014 statistics
5. Scientific Programme for EGU-2015
6. EGU Topical Conferences
7. EGU Publications
8. Any other business





EGU News

EGU President: Günter Blöschl

New EGU President: Hans Thybo

Geodynamics Division

President: Irina Artemieva

EGU stays in Vienna 2015-2019 (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

Approved by the
Division Meeting,
01/05/2014

Division Officers

Paul Tackley

Hagay Amit

Hans-Peter Bunge

Magdalena
Scheck-Wenderoth

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 Augustus Love Medal

Previous recipients



2005: Geoff Davies (ANU, Australia)



2006: Jerry X. Mitrovica (Harvard, USA)

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



2007: 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)





Geodynamics Division

Augustus Love Medal 2014



Shun-ichiro Karato

(Yale University, USA)





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	Shun Karato	1	2014
(past GD	Michael Gurnis	2	2013
president)	Yanick Ricard	3	2012
	Bradford Hager	4	2011

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





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:

2013: Juan Carlos Afonso

2012: Richard Foa Katz

2011: Boris Kaus (Arne Richter OYSA)

2014 recipient:

Rhodri Davies



Medal lecture Friday, G7, 11:45-12:15



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)

Please nominate your young colleagues !!!





The Division Outstanding Student Poster

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

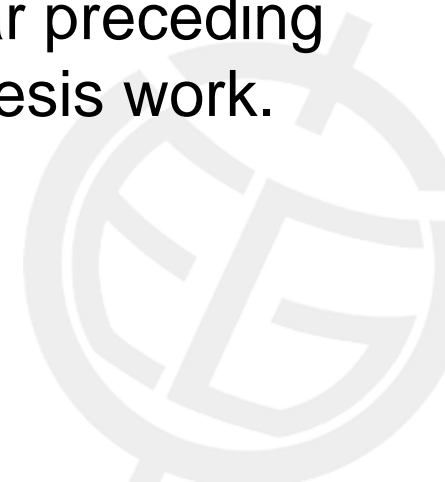




Outstanding Student Poster (OSP) Award

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 color, 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 Award 2013

Chase J. Shyu

8 student registrations for Division OSP in 2013;
ca. 20 in 2014

Outstanding Student PICO Award ???





OSP coordinator:

Maxim Ballmer (present) (ballmer@hawaii.edu)

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

German Aerospace Center, Berlin, Germany

Students:

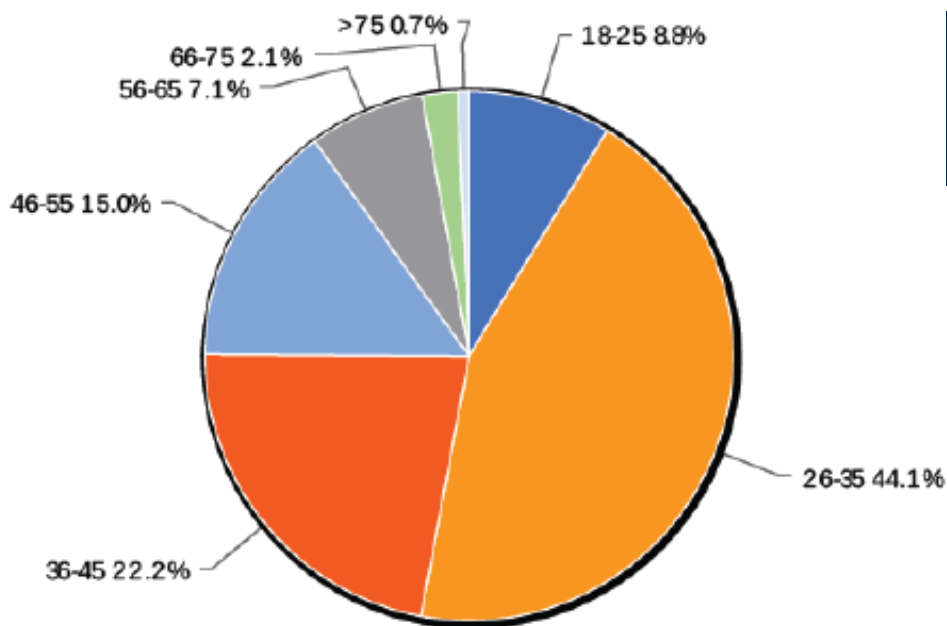
Please don't forget to register next year

Seniors:

please volunteer to be OSP judges !!!



Survey Participant Age



ca. 53% are younger than 35

Young Scientists (YS)

- YS can find out how to get involved in the Union & benefit from our YS resources at www.egu.eu/young-scientists

Jobs

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



EGU Travel Awards





EGU Travel Awards

Two types of awards:

YSTA – young scientist TA (264 granted)

ESTA – established scientist TA (16 granted)

Rules for EGU2014

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%	





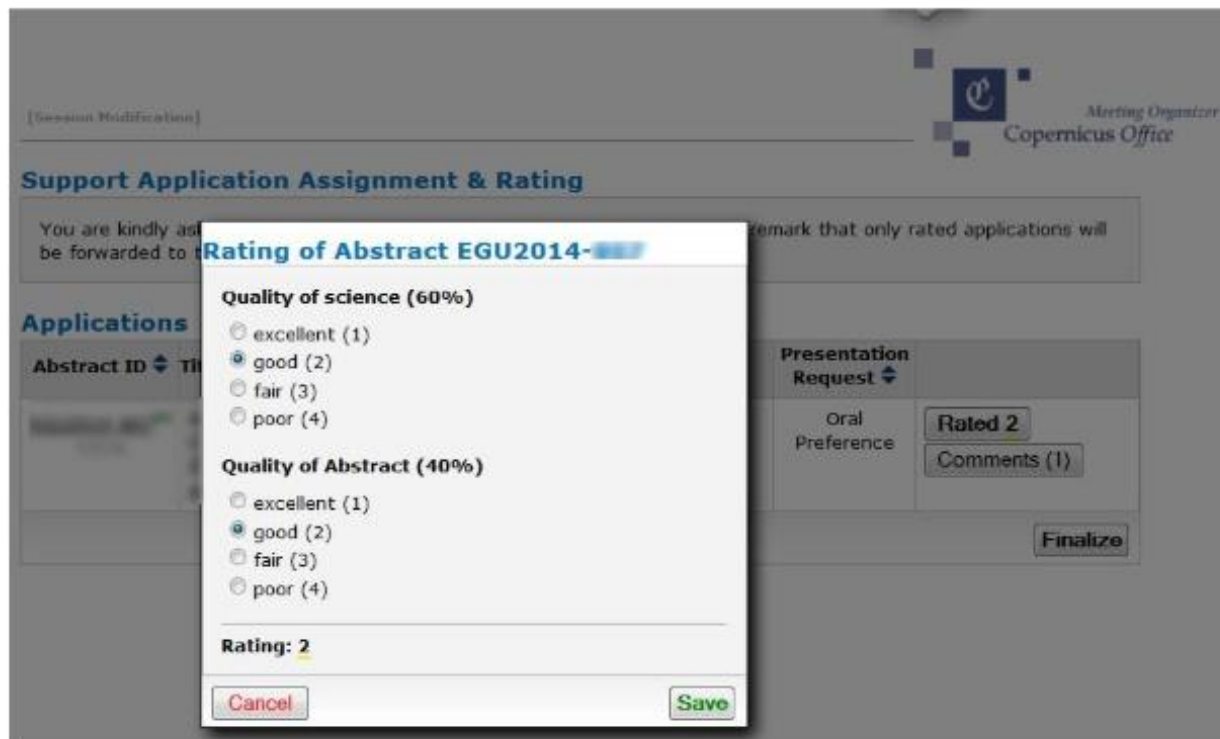
EGU Travel Awards

Selection procedure:

step 1. ranking by conveners;

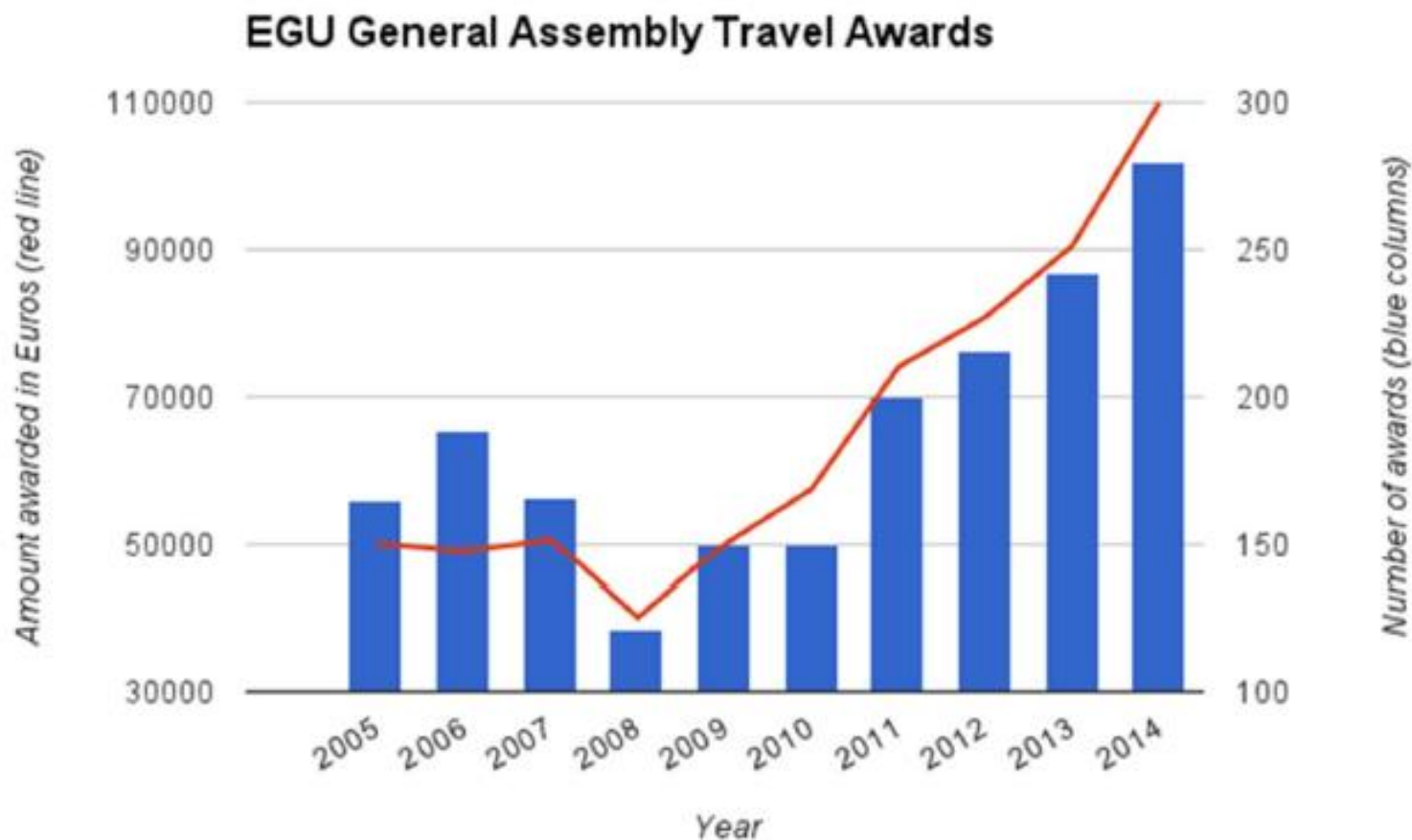
step 2, ordering by Division President;

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

A screenshot of a web-based application rating interface. The main window is titled "Rating of Abstract EGU2014-". It contains two sections for rating: "Quality of science (60%)" and "Quality of Abstract (40%)". Each section has four radio button options: "excellent (1)", "good (2)", "fair (3)", and "poor (4)". The "good (2)" option is selected in both sections. Below these sections, it says "Rating: 2". At the bottom of the rating window are "Cancel" and "Save" buttons. In the background, there is a "Presentation Request" section with a dropdown menu set to "Oral Preference", a "Rated 2" button, a "Comments (1)" button, and a "Finalize" button. The top right of the interface shows the "Meeting Organizer Copernicus Office" logo.

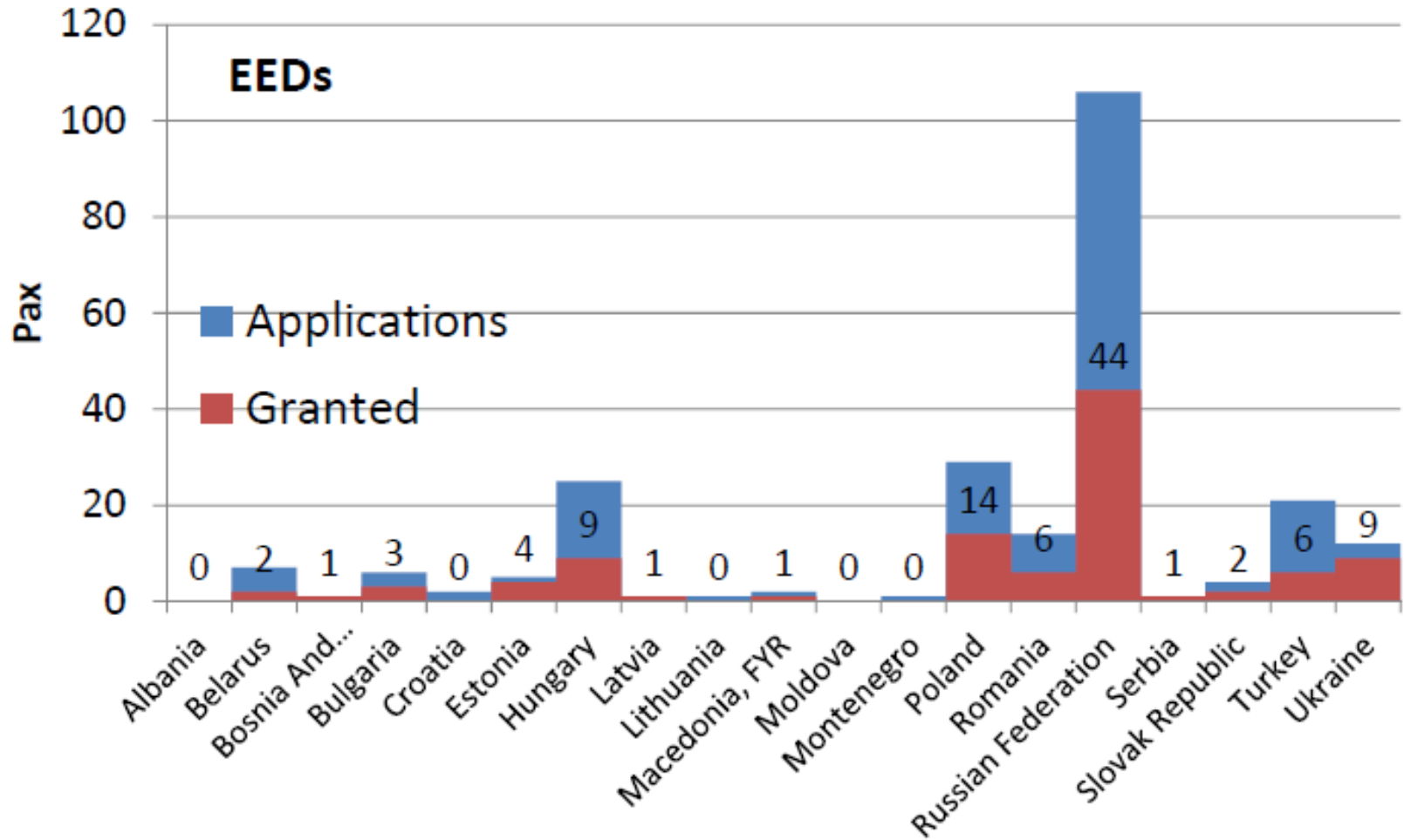


Young Scientist Travel Awards



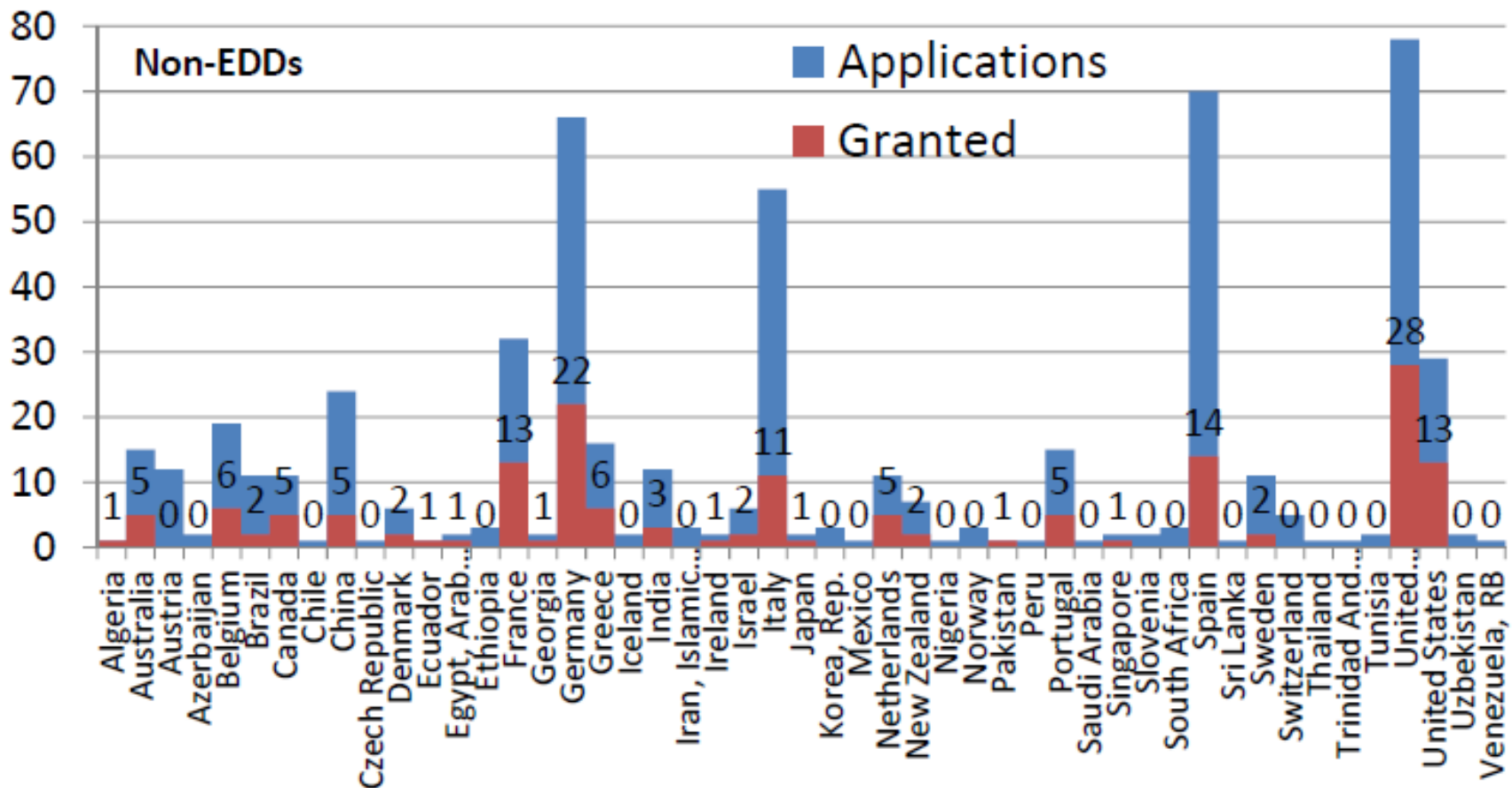


YSTA EED by country





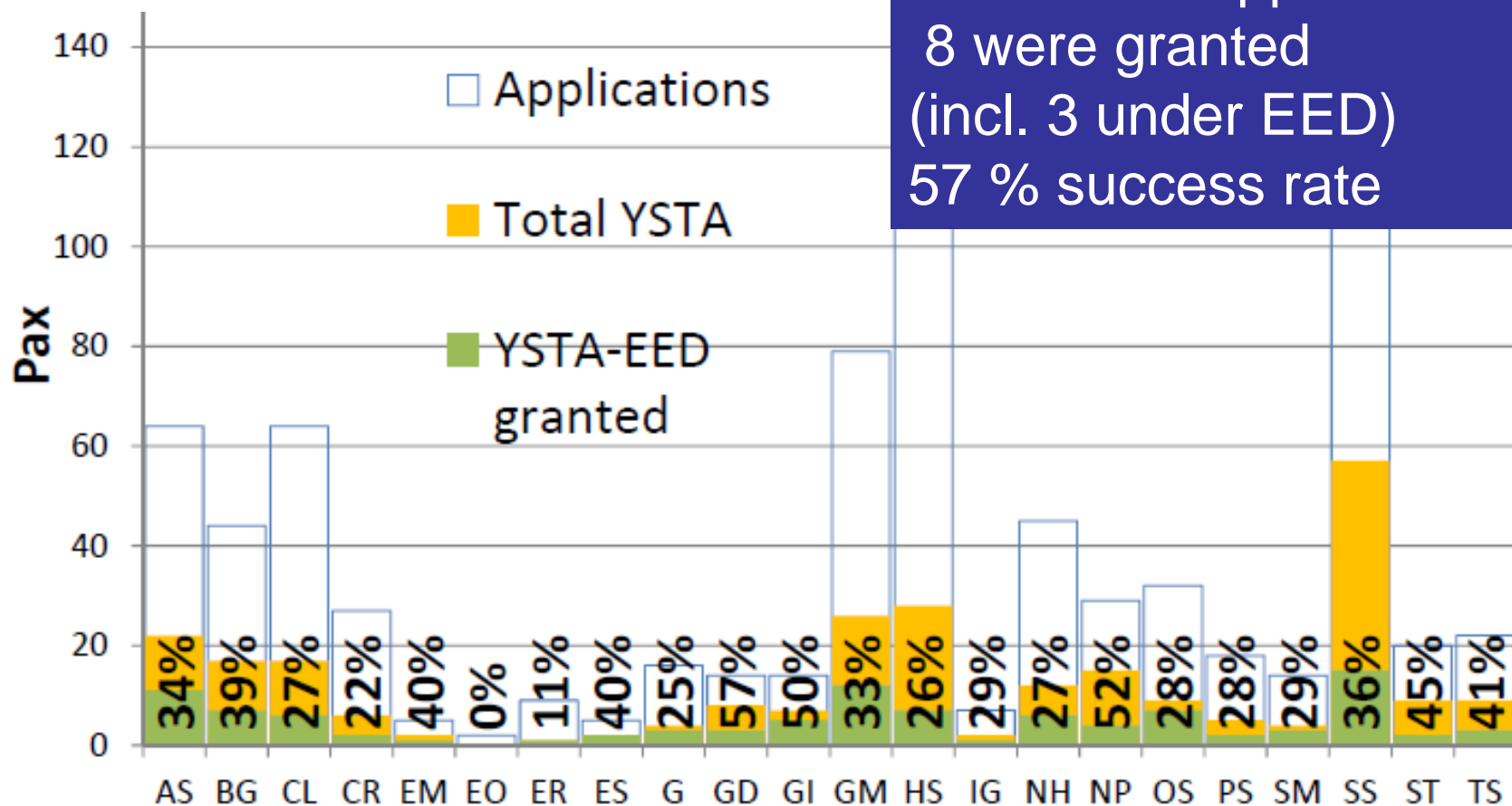
YSTA non-EED by country





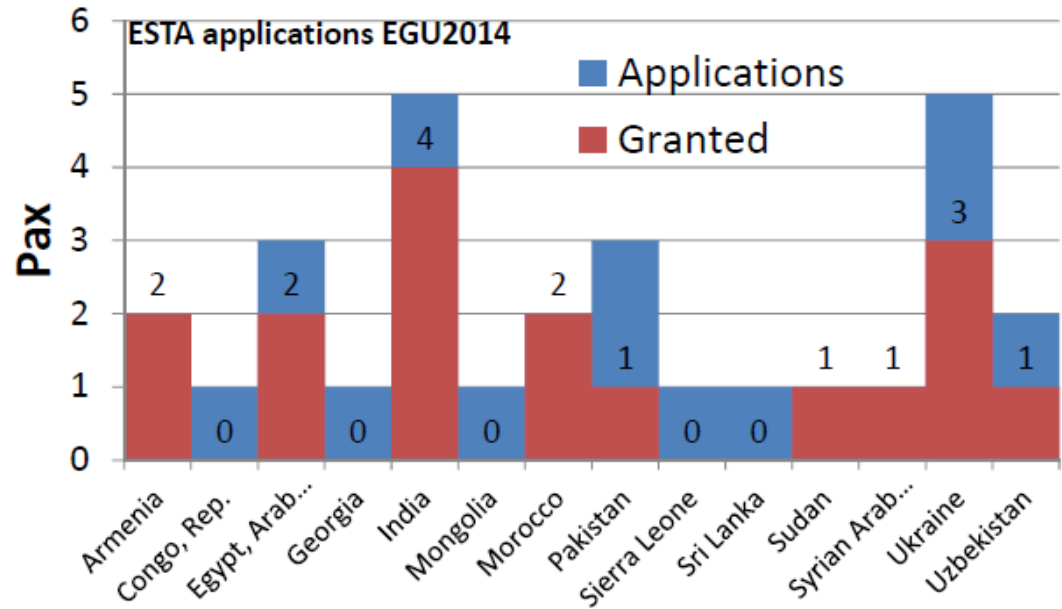
GD has the highest success rate in 2014

GD had 14 applications;
8 were granted
(incl. 3 under EED)
57 % success rate

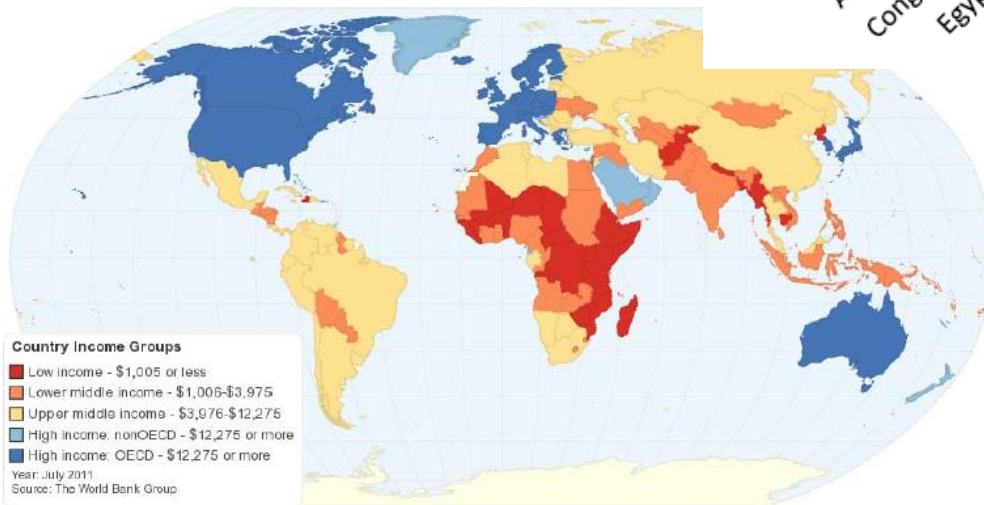




Established Scientist Travel Awards



Eligible for ESTA



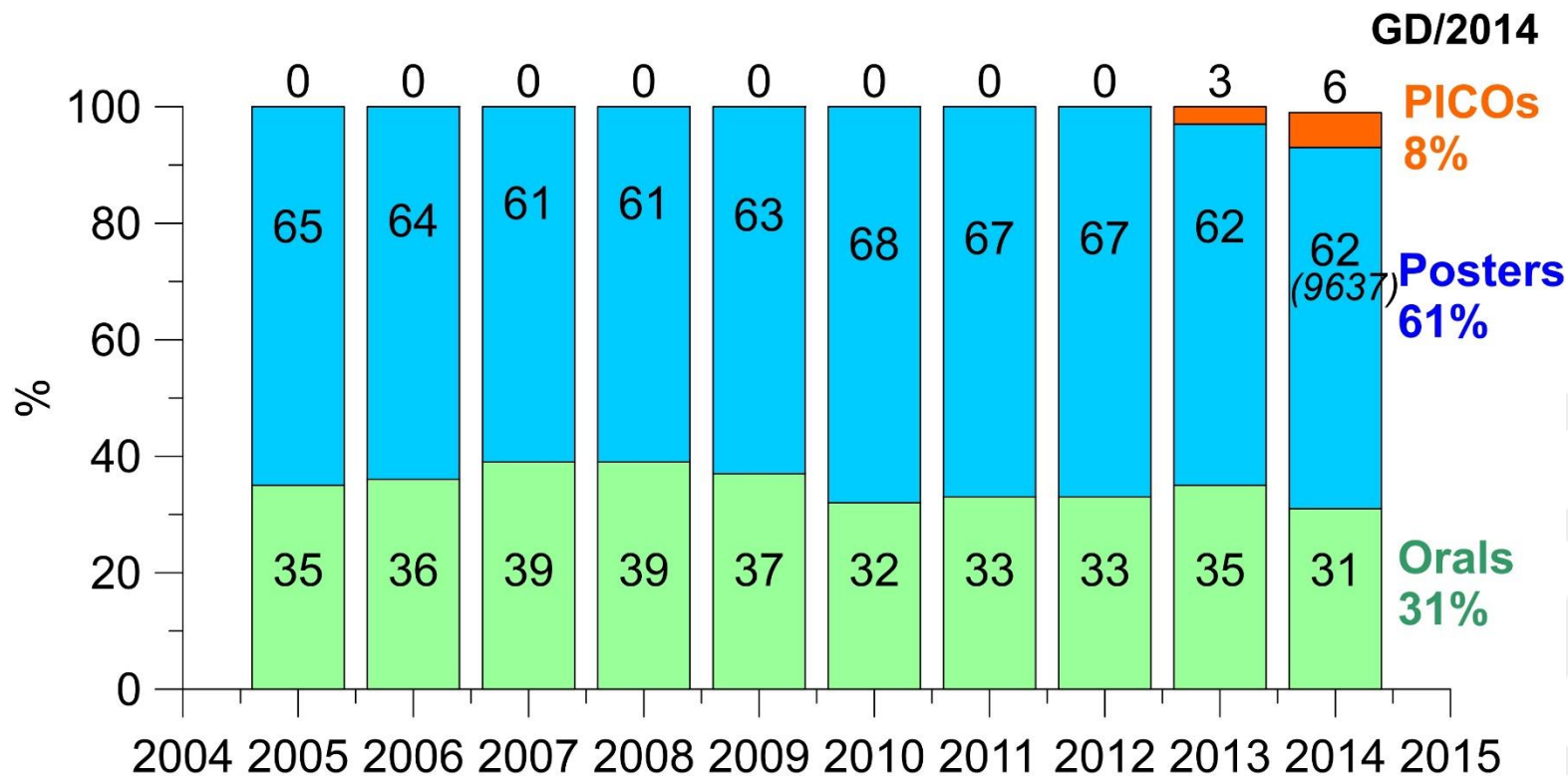
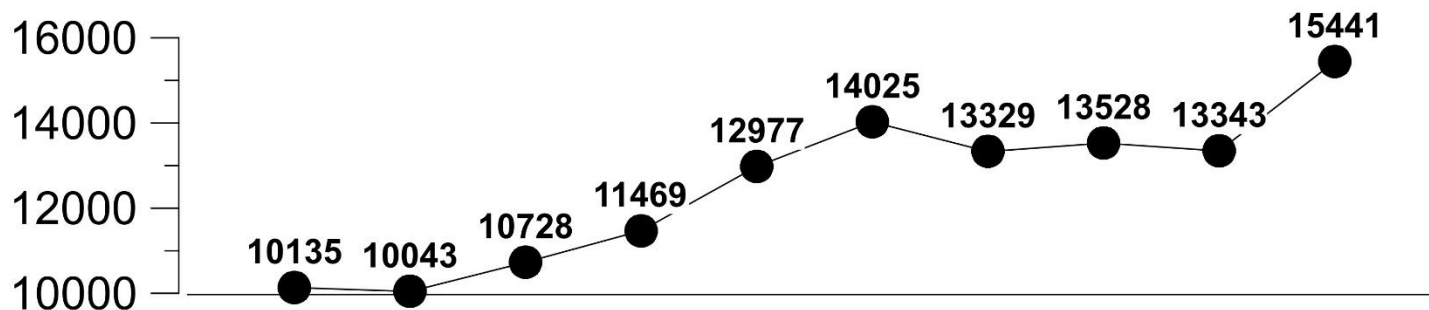


Meeting statistics





Stable attendance, ca. 13,000 during the past years





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

Larger sessions
Reduced session overlaps



PLEASE SUBMIT YOUR PROPOSALS FOR SESSIONS!

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

Continue with larger sessions?

PICOs as future “standard”





Publications

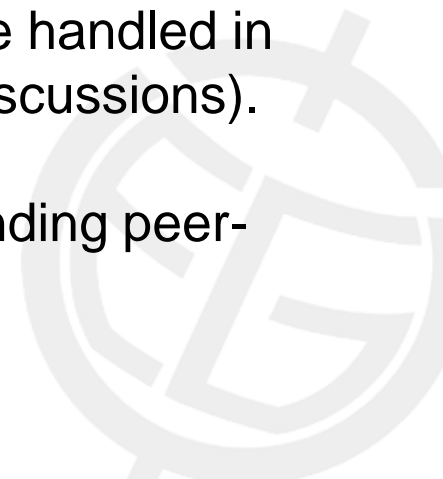
The EGU, through Copernicus Publications, publishes 16 peer-reviewed open access journals covering various topics of the Earth, planetary and space sciences.

Solid Earth – EGU journal in geosciences, IF=1.371.

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).





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.





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:

15 Jun – Jul 2014

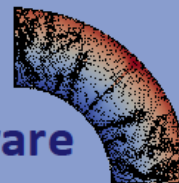
Dec 2014 – 15 Jan 2015

www.egu.eu/meetings/support-request

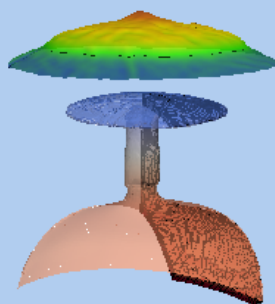




Hands-on tutorial on **ASPECT: a next-generation geodynamic modelling software** 4-5 September 2014 in Potsdam, Germany



ASPECT (Advanced Solver for Problems in Earth's ConvecTion, <http://aspect.dealii.org/>) is a new code to simulate problems in thermo-chemical convection. Its primary focus is on the simulation of processes in the earth's mantle, but its design is more general than that and is extended to applications in lithospheric modelling.



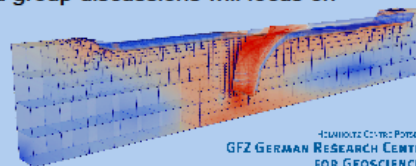
The **hands-on tutorial** will take place at Helmholtz Centre Potsdam **GFZ German Research Centre for Geosciences** on **4 September 2014** and will cover an introduction on how to use **ASPECT**, demonstrate its modern numerical methods and illustrate possible applications. This will include

- reproducing several benchmark cases
- setting up a geometry and other model parameters in the input file
- utilising ASPECT's adaptive mesh
- adding new, user-specific material models

Registration for the tutorial is open (<http://geomod2014.gfz-potsdam.de/registration>). The tutorial is supported by CIG and Prof. Wolfgang Bangerth (main developer), and it is jointly organized with the GEOMOD conference.

The tutorial will be followed by a one-day strategy meeting (5 September 2014) for advanced users. Presentations and group discussions will focus on experiences with ASPECT and plans for future development.

For further questions or to register for the strategy meeting please contact dannberg@gfz-potsdam.de





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**



Please send feedback, wishes,
comments, critics

gd@egu.eu

