



European Geosciences Union

Geodynamics Division Business meeting 2013

Agenda:

1. EGU News
2. Medals/Awards
 - Division Medals
 - Young Scientist Poster Awards
3. Division/Section information (web-page; keywords)
4. Division Officers
5. Scientific Programme for EGU-2014
 - Orals: suggestions
 - Posters:
 - PICOs
6. EGU Topical Conferences
7. Any other business

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EGU News

NEW EGU President: **Günter Blöschl**

New Division President: **Irina Artemieva**

Past Division President: **Huw Davies**

EGU stays in Vienna 2015-2019 (2024?)

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The EGU Awards & Medals includes:

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 (3 in 2013)
- The Union Awards including the Arne Richter Outstanding Young Scientists Awards (8 in 2013)

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.

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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)



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- 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

Please nominate your colleagues !!!

All details are EGU web-site



European Geosciences Union

Geodynamics Division

Outstanding Young Scientist Award

The Division Outstanding Young Scientist Award recognizes scientific achievements in the field covered by the related Division, made by a young scientist.

Previous recipients:

2012: Richard Foa Katz

2011: Boris Kaus
(Arne Richter OYSA)

2013: Juan Carlos Afonso



8 awards from 8 divisions in 2013

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

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Eligible for the **Outstanding Student Poster (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.

Once the programme has been finalized, **authors presenting a poster are invited to register for the award**. Their data are then transferred to the respective Division Award Committee, which selects the best poster paper at the meeting.

OSP coordinator:

Juan Carlos Afonso (past)
Maxim Ballmer (new)

**Please don't forget to
register next year !!!**

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Outstanding Student Poster Award 2012

Sam Weatherley

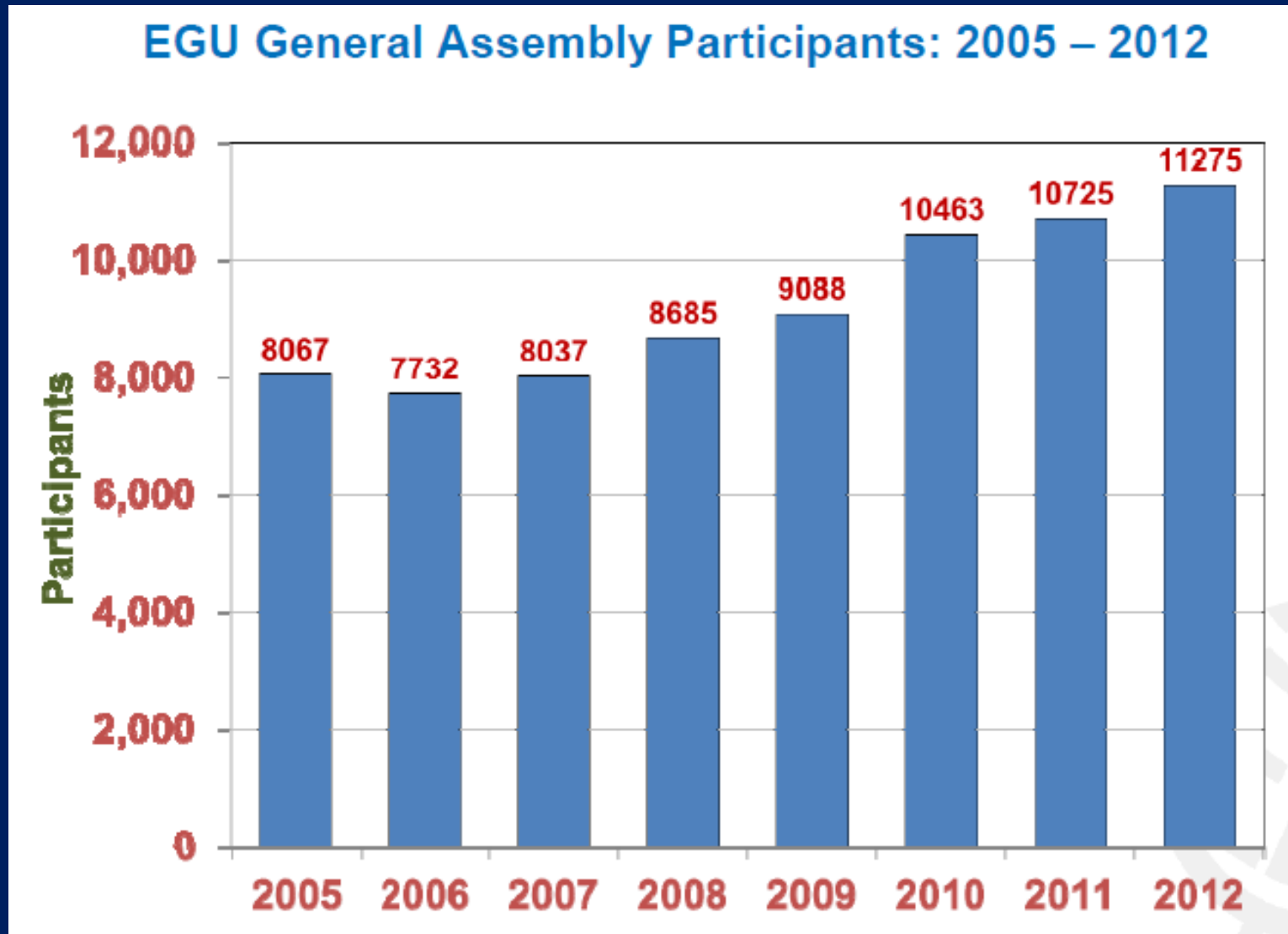
Tzu-Ying Huang

Elena Milyukova

8 student registrations for Division OSP in 2013
Why so few?

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Stable attendance, ca. 11,000 during the past years

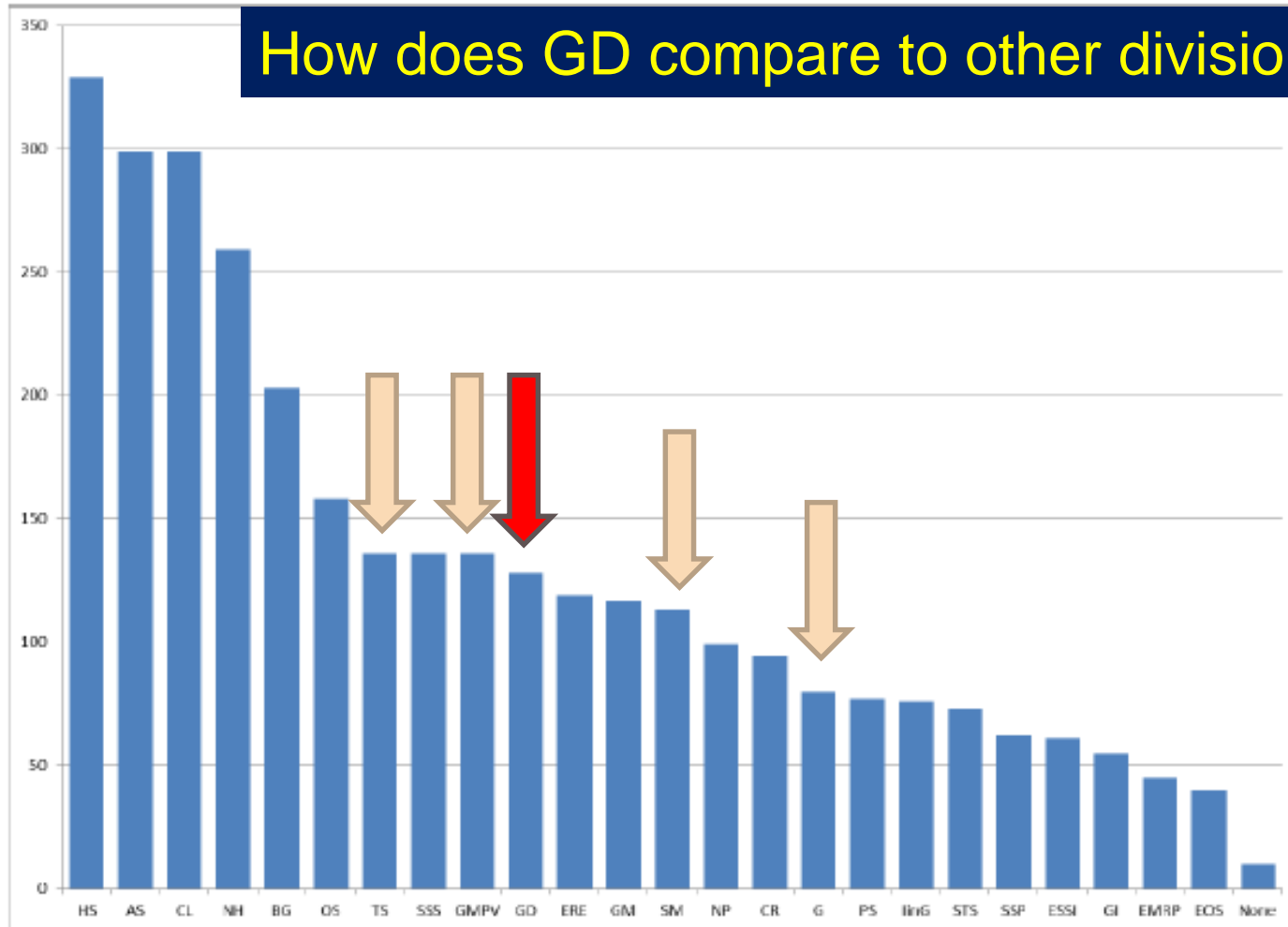


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What programme group/s or division to you associate most with?

Participants could select up to 3

How does GD compare to other divisions?



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Geodynamics 2013:

349 abstracts (+581 in co-org. sessions)
14 sessions (+7 co-organized)

Seismology 2013:

505 abstracts (+471 in co-org. sessions)
19 sessions (+15 co-organized)

Tectonics & Structural Geology 2013:

865 abstracts (+719 in co-org. sessions)
29 sessions (+26 co-organized)

abstr. per
session

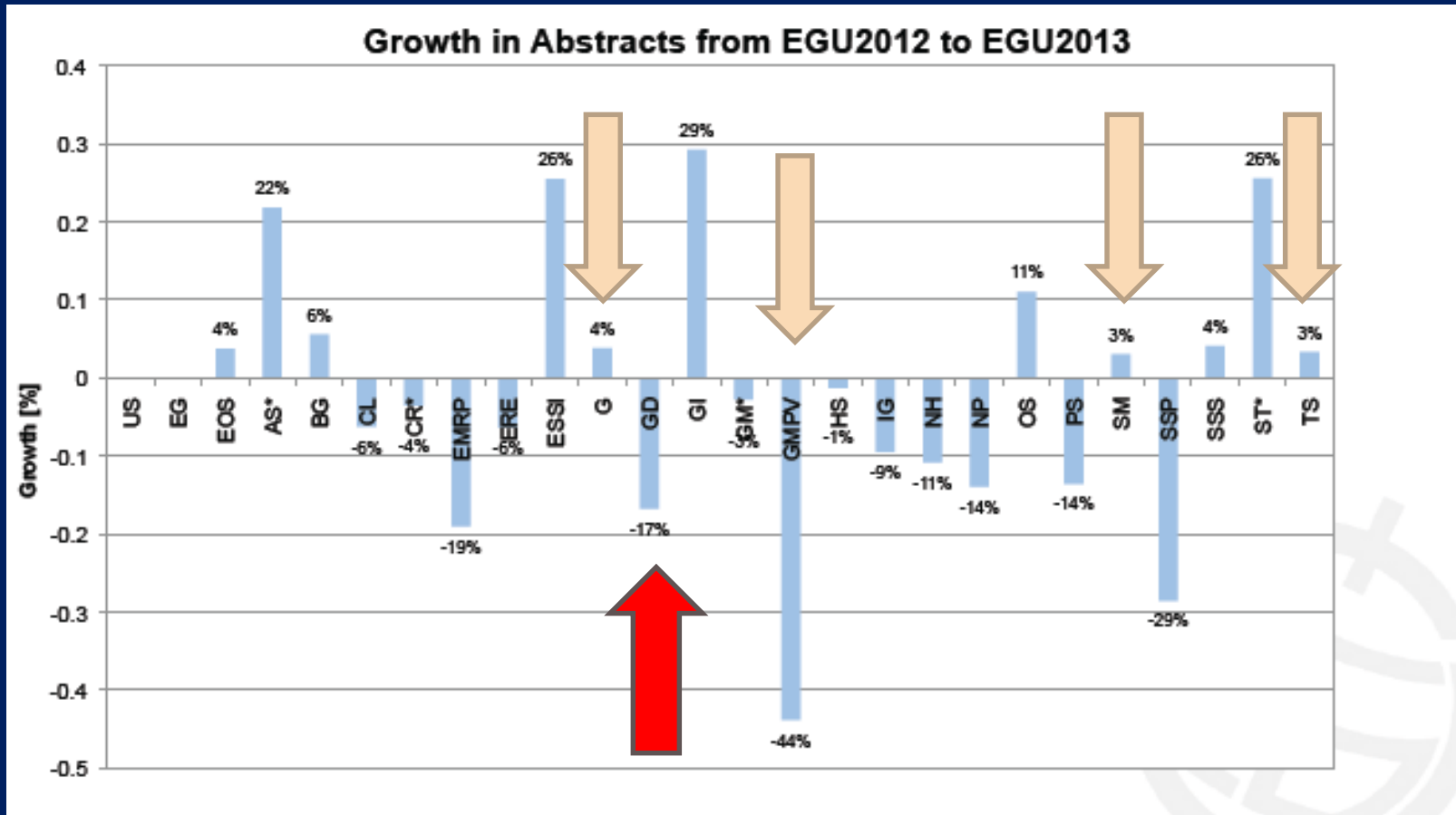
ca. 25

ca. 26.6

ca. 30

Need to increase activity!

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2013: submitted 349 abstracts (+581 in co-org. sessions)
14 sessions (+7 co-organized)

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Lead sessions, 2013

1. Open Session in Geodynamics
2. Anisotropy and small-scale heterogeneity in the Solid Earth: Observations, models and implications
3. Geothermal Heat Flow: Linking Earth's Deep Interior and Surface Processes
4. Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales
5. Topography linked to upper mantle dynamics and tectonics
6. The Arctic connection - plate tectonics and mantle dynamics in the North Atlantic, North Pacific and the High Arctic
7. Crustal structure and geodynamic evolution in the Antarctic and Arctic regions
8. Evolution of passive margins and adjacent continents with emphasis on the North and South Atlantic
9. Mid-ocean ridge processes and their consequences: a discussion on melting, hydrothermalism and dynamics at ocean spreading centers
10. Subduction dynamics from surface to deep mantle
11. Orogenesis and Geodynamics related to the collision with microplates
12. Mantle and outer shell structure, dynamics and evolution in the Earth and other planetary bodies
13. Earth's core structure and dynamics: observations, models, experiments
14. Recent advances in computational geodynamics

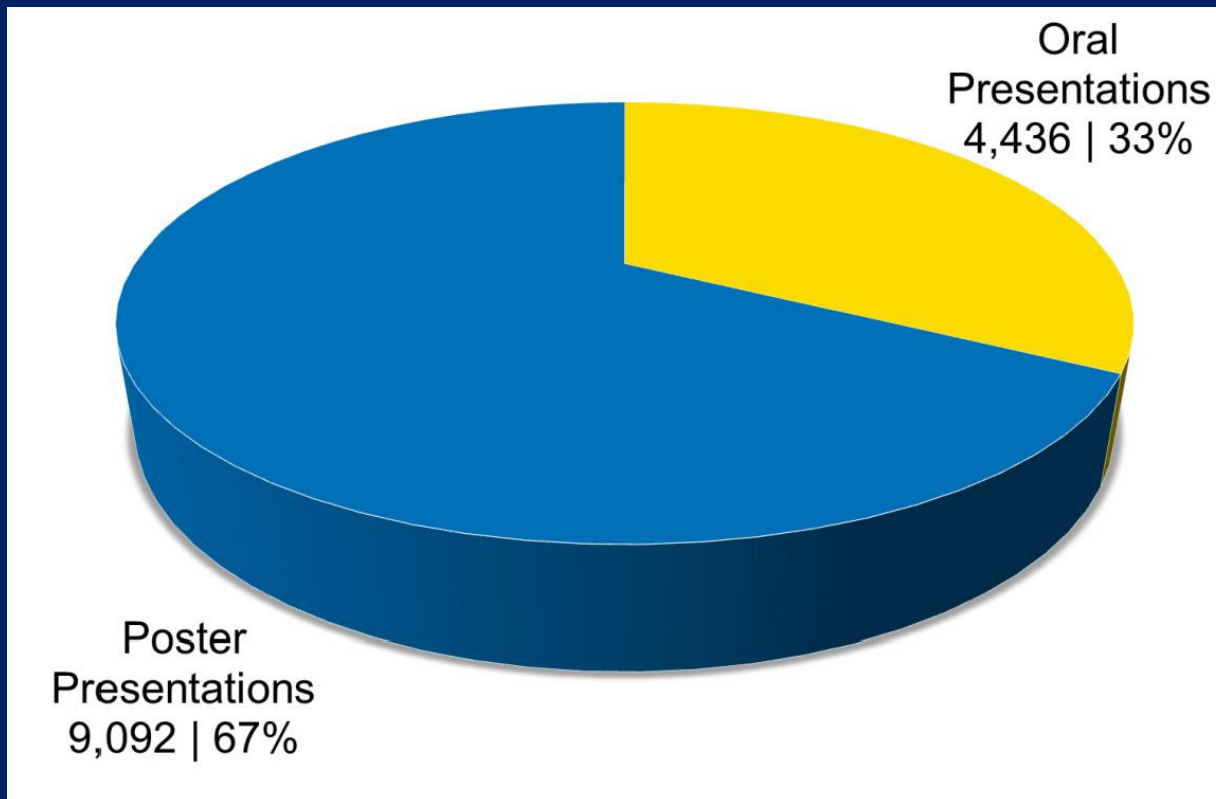
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PLEASE SUBMIT YOUR PROPOSALS FOR
SESSIONS!

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

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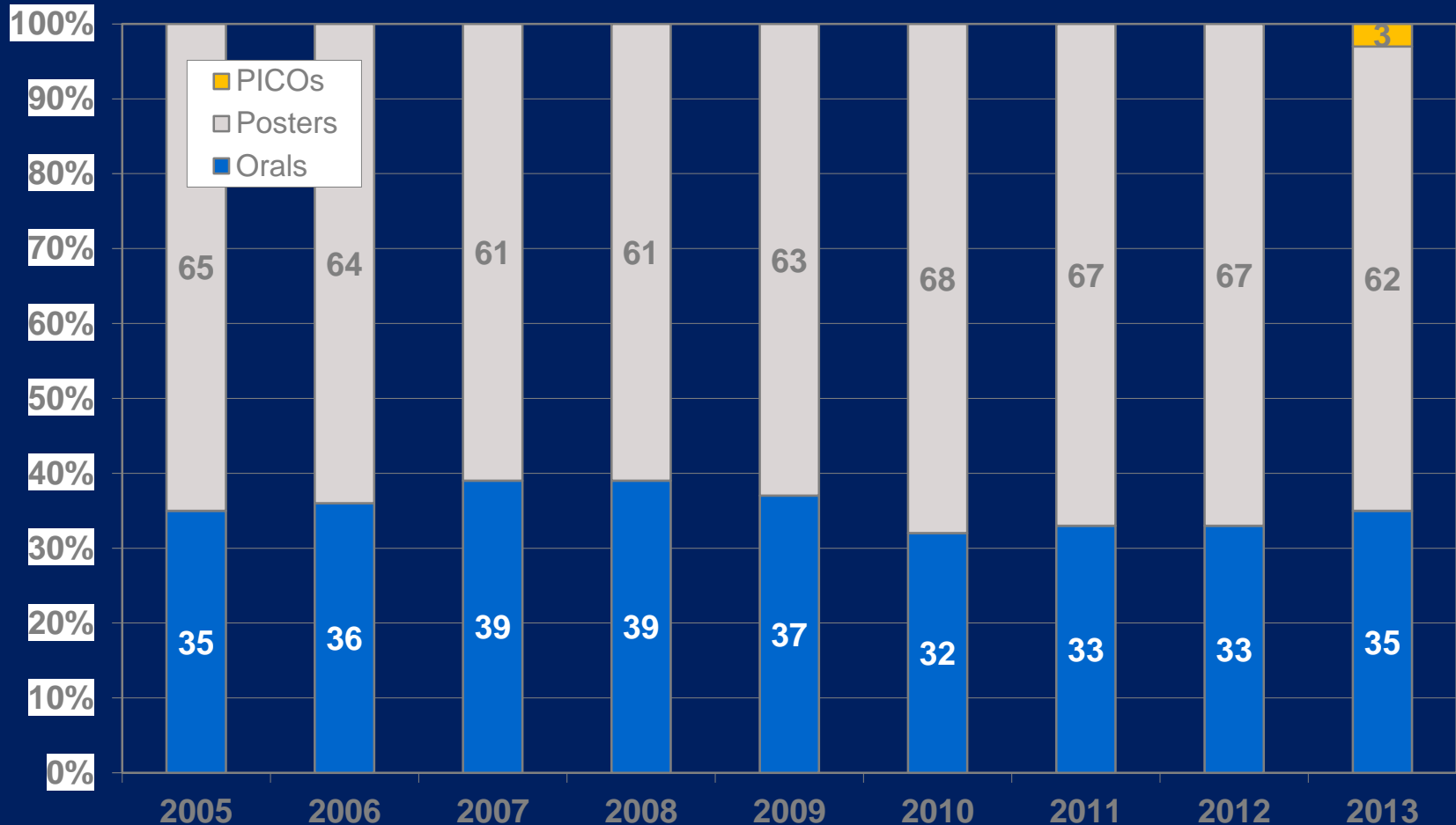
- Only 1/3 of submissions go as orals
- If you want to have an oral time slot, please advise all your students to submit posters!



2012

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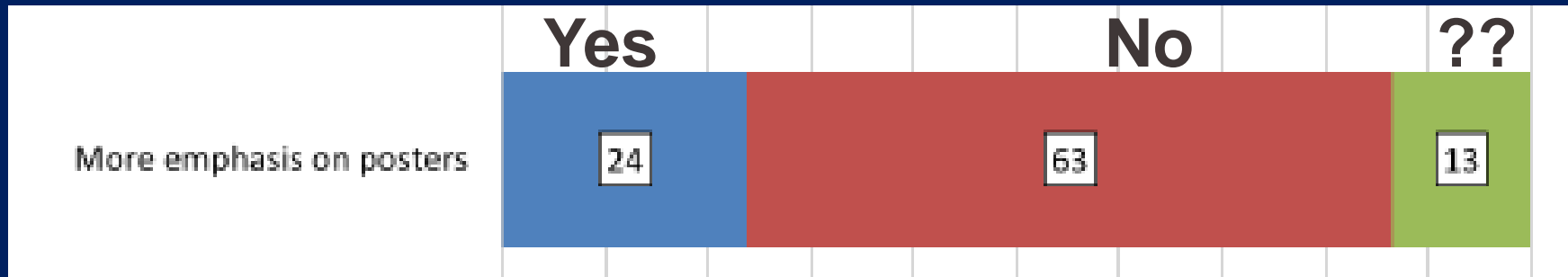
Presentation Ratio 2005–2013



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1) Any suggestions for posters?

What time should it be ? e.g. during day blocks?



2) Any suggestions for PICO?

3) Which floor should be orals?

In 2013:

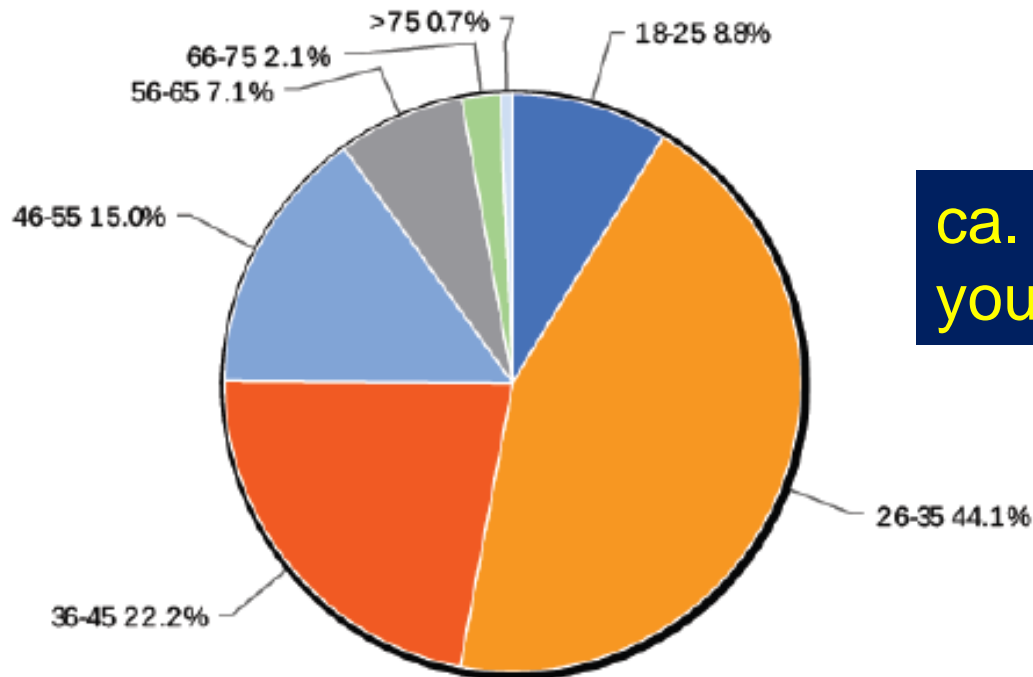
Blue level – TS, SM

Green level – **GD**, GMPV

Red level - G



Survey Participant Age



ca. 53% are younger than 35

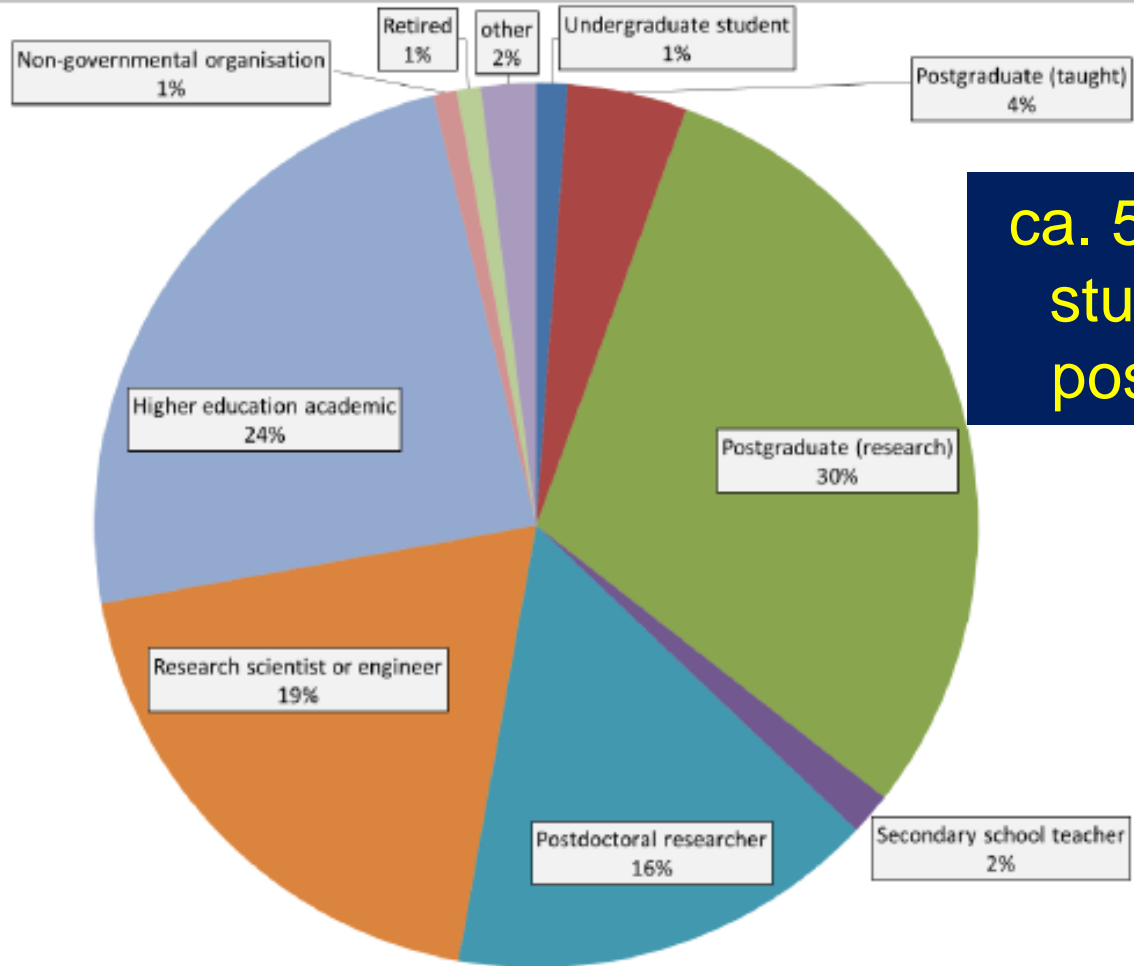
Compared to Registration Status:

- 36% Student | 64% Standard and Retired





Are you a...? (n=1488)



ca. 53% are students/postdocs

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Need active involvement of students and postdocs in division activities

Maxim ?

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Division Officers (until GA-2013)

GD Programme Group Chair	Huw Davies
Plate Tectonics; Passive and Divergent Margins	Jeroen van Hunen
Convergent Margins and Subduction	Susanne Buiter
Crust and Lithosphere Dynamics	Magdalena Scheck-Wenderoth
Mantle Dynamics	Paul Tackley
Core Dynamics	Hagay Amit
Methods and Observations in Geodynamics	Huw Davies

OSP coordinator:

Juan Carlos Afonso (past)

Maxim Ballmer (new)

Many thanks for your dedicated service !!!

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Deadline May 31

5.6 Keywords

The aim of the keyword module during scheduling is to avoid thematic overlaps.

Hence keywords should cover large areas, not be session specific. Only a very limited number of keywords per division (or preferably between divisions) can be admitted.

Proposal:

All program chairs can suggest new keywords (supported by convener suggestions), which will be evaluated by a smaller commission. A limited number will be implemented and keywords not used will be taken of the list again.

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Division web-site

- presently: blank page (also blank for half of divisions);
- please have a look at web-pages of other divisions;
- suggestions are welcome;
- need to choose a person-in-charge (Division “webmaster”)?
 - all work can be done by the EGU web-master,
 - we need to provide info

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Publications

The EGU, through Copernicus Publications, publishes 15 peer-reviewed open access journals covering various topics of the Earth, planetary and space sciences.

Solid Earth – EGU journal in geosciences.

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).

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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.

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EGU Topical and other Conferences



LUCKY #13

31 August – 5 September, 2013
Hønefoss (Oslo), Norway

XIII International Workshop on Modelling Mantle and Lithosphere Dynamics

Welcome to the XIII International Workshop on Modelling of Mantle and Lithosphere Dynamics! The 2013 workshop will be held in Hønefoss, Norway. We will meet to discuss numerical techniques, investigate exciting new avenues, foster collaboration, and introduce students to the interesting challenges of mantle and lithosphere modelling.

The workshop series was initiated in 1987 in Neustadt an der Weinstrasse, Germany, and has been followed by meetings every two years in various European countries. Registration for the 2013 workshop is now open!

Register now at:
<http://www.earthdynamics.org/lucky13>

Submission deadline: 31 July 2013

The meeting has been made possible through the generous support of

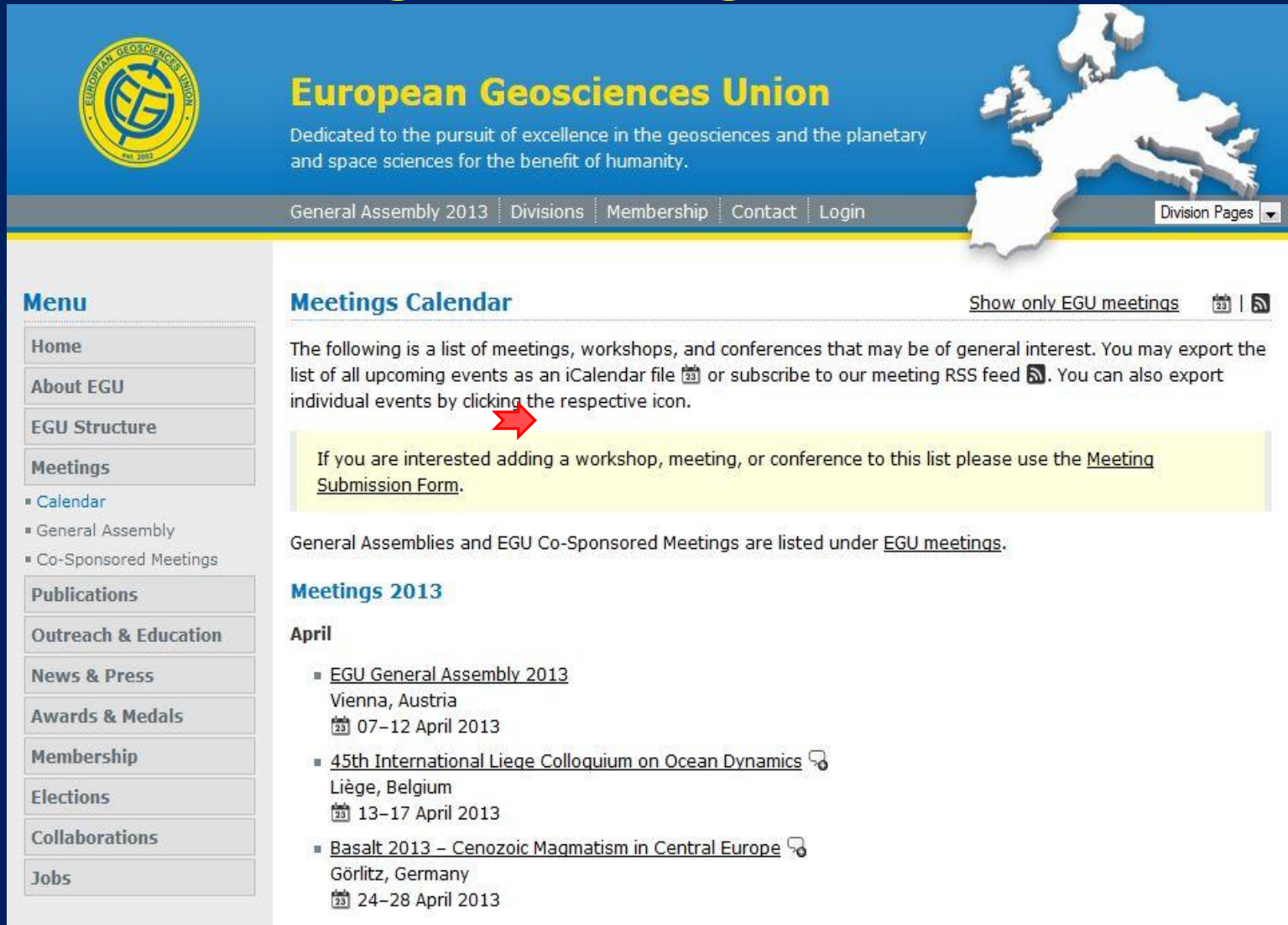
- Norwegian Research Council (NFR)
- Thematic Meeting Series of the European Geosciences Union (EGU)
- European Research Council (ERC)
- Centre for Earth Evolution and Dynamics (CEED), University of Oslo (UO)
- International Association of Seismology and Physics of the Earth's Interior (IASPEI)

IUGG EGU ERC UO CEED IASPEI

Why not advertising a meeting you are organising in the EGU meetings calendar?

www.egu.eu/meetings/calendar/



The screenshot shows the EGU Meetings Calendar website. At the top left is the EGU logo, a circular emblem with 'EUROPEAN GEOSCIENCES UNION' and 'EGU' in the center, and '1962' at the bottom. To the right of the logo is the text 'European Geosciences Union' and a tagline: 'Dedicated to the pursuit of excellence in the geosciences and the planetary and space sciences for the benefit of humanity.' A white map of Europe is on the right side of the header. Below the header is a navigation bar with links: 'General Assembly 2013', 'Divisions', 'Membership', 'Contact', 'Login', and a 'Division Pages' dropdown menu. On the left side, there is a 'Menu' section with a list of links: 'Home', 'About EGU', 'EGU Structure', 'Meetings' (with sub-links for 'Calendar', 'General Assembly', and 'Co-Sponsored Meetings'), 'Publications', 'Outreach & Education', 'News & Press', 'Awards & Medals', 'Membership', 'Elections', 'Collaborations', and 'Jobs'. The main content area is titled 'Meetings Calendar' and includes a 'Show only EGU meetings' filter and social media icons. Below this is a paragraph explaining that the list contains meetings, workshops, and conferences, and that users can export the list as an iCalendar file or subscribe to an RSS feed. A red arrow points to a yellow box containing the text: 'If you are interested adding a workshop, meeting, or conference to this list please use the [Meeting Submission Form](#).' Below this is a note that 'General Assemblies and EGU Co-Sponsored Meetings are listed under [EGU meetings](#).' The 'Meetings 2013' section is titled 'April' and lists three events: 'EGU General Assembly 2013' in Vienna, Austria (07-12 April 2013); '45th International Liege Colloquium on Ocean Dynamics' in Liège, Belgium (13-17 April 2013); and 'Basalt 2013 - Cenozoic Magmatism in Central Europe' in Görlitz, Germany (24-28 April 2013).

Communication Activities at the Assembly

Blogs

- GeoLog & the EGU Blog Network is sharing great sessions, research, interviews and more throughout the Assembly
- Follow them here: geolog.egu.eu and blogs.egu.eu

Social Media

- Sessions are advertised on Twitter (**@EuroGeosciences**) and Facebook (**European Geosciences Union**)
- Participants can ask questions & keep updated by following **#egu2013**