



# Division Meeting

Seismology

Division



EGU General Assembly 2014

Vienna/Austria, Wed 30 April 2014, room G3



Charlotte Krawczyk | [sm@egu.eu](mailto:sm@egu.eu)



## Agenda / Topics

- Welcome
- Awards in the Seismology Division
  - Beno Gutenberg Medal 2014
  - Outstanding Student Poster 2013
  - Young Scientist Award
- Call for nominations 2015
- Scientific Programme
  - GAs 2014 & 2015
- SM division structure
  - officers, vacancies, elections, etc.
- SM anti-aging programme
  - young scientists' representative activities
- Call for Topical Meetings and Conference Series
- EGU-journal *Solid Earth*
- any other points of interest



## The Beno Gutenberg Medal at EGU



established by the Seismology  
Division (SM)

in recognition of achievements  
of Beno Gutenberg (1889-1960)

**awarded to individual persons for their *outstanding*  
scientific contributions to the field of seismology**



## Gregory Beroza - Beno Gutenberg Medalist 2014



The 2014 EGU Beno Gutenberg medal is awarded to Gregory Beroza for the outstanding contributions he has made to earthquake seismology.

Greg has been a dynamic leader of collaborative seismology, and he has consistently applied his scientific skills for the purpose of reducing seismic risk and increasing societal resilience.

***Prof. Gregory C. Beroza***

Stanford University

Department of Geophysics

Mitchell 329

Stanford, California 94305 / USA





## Outstanding Student Poster (OSP) award

applicable to first authors that personally present the poster at the conference

criteria:

- current undergraduate (e.g., BSc) or postgraduate (e.g., MSc, PhD) student, or
- recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference) presenting her/his thesis work.





## Outstanding Student Poster (OSP) award

procedure:

- 1) authors are invited for OSP registration in 'Letter of Schedule'
- 2) send out to every author with an accepted poster !
- 3) division OSP-coordinator + judges evaluate posters during assembly week
- 4) award is presented in the next year.

**2014: ~1700 applications in 22 divisions (1100 in 2013)**



## SM 'Outstanding Student Posters' in 2013

### Philipp Kempf (Ghent)



1960 Valdivia earthquake tsunami deposits from two coastal lakes and preliminary results for an extended paleo-tsunami record of south-central Chile

*Kempf, P.; Moernaut, J.; Vandoorne, W.; Van Daele, M.; Strasser, M.; Pino, M.; Urrutia, R.; De Batist; M.*

<http://seismoblog.wordpress.com/top-notch/>

### Maik Neukirch (Barcelona)



On the effect of non stationary (synthetic) sources in the magnetotelluric method

*Neukirch, M.; Garcia, X.*





## Outstanding Young Scientist Awards

- 1) candidates are suggested for the 'Division OYSA' (June 15)
- 2) the division awardee is selected
- 3) from all winners of all divisions, four awardees are then selected for the EGU-wide 'Arne Richter Award for OYS' (end of the year)  
selection within four groups -> SM belongs to group I (Solid Earth)  
[group II (Soft Earth), group III (Planetary and Space Sciences), group IV (Interdisciplinary)]

**!! June 15: always deadline for all nominations**  
**!! send all nominations to [awards.medals@egu.eu](mailto:awards.medals@egu.eu)**







## Outstanding Young Scientist Awards 2014

SM did not receive any proposals !?

criteria (by 1st January of the year when the award is presented):

- be in age 35\* or younger, and
- be an undergraduate or postgraduate student or have received her/his highest degree (e.g., BSc, MSc, PhD) within the last seven years\*

\* up to one year of parental leave time may be added per child

### Arne-Richter awardees in 2014:

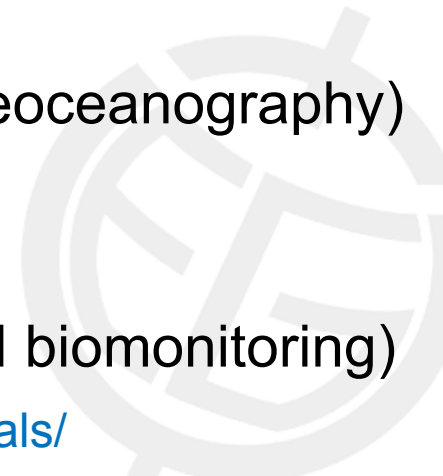
Peter K. Bijl (Palaeocene-Eocene climate change/palaeoceanography)

Matthias Huss (mass balance and runoff of glaciers)

Noé Lugaz (understanding of coronal mass ejections)

Sebastian F. L. Watt (volcanic eruptions, landslides and biomonitoring)

<http://www.egu.eu/news/79/egu-announces-2014-awards-and-medals/>





## GA 2014 in numbers

### General Assembly in total

14,895 papers in programme | ( +11.6% compared to 2013)

4,829 Orals | 9,583 Posters | 483 PICOs (33 / 64 / 3 %)

568 unique scientific sessions

**SM in 2012: 490 abstracts**

**SM in 2013: 505 abstracts**

**SM in 2014: 545 abstracts** where SM leads

**1,377** incl. co-organization (+ 832)

16 withdrawn



## GA 2014 regarding SM

### Rooms

talks: moved to green level  
posters: blue level, grouped  
closer to TS, EMPV, GD, etc.

### Presentations

request: 47 % orals  
realized: 29 % orals

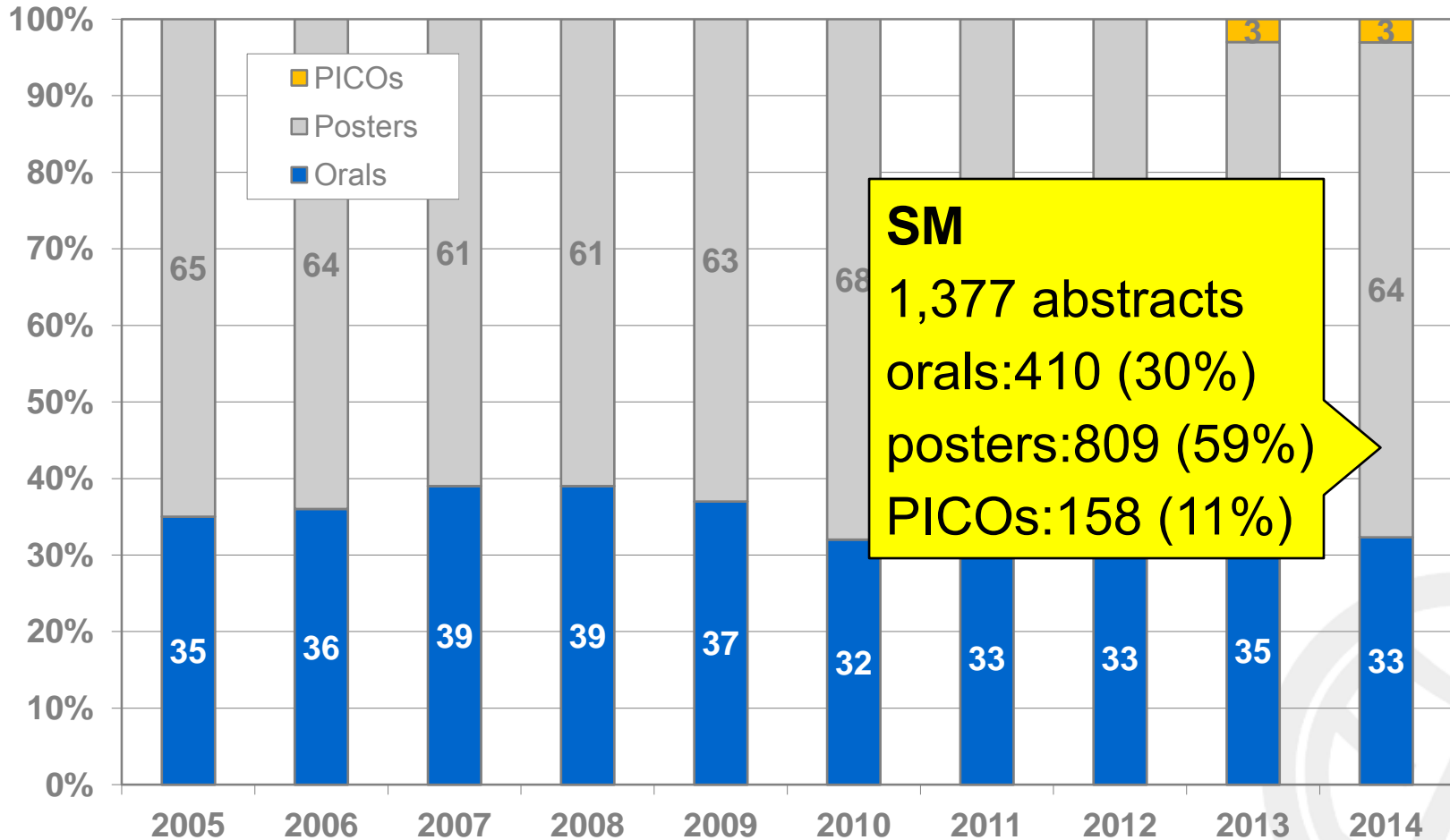
### Travel grants

SM: 5 (1.8 %)  
EGU total: 272 (2 %)





## Presentation ratio





## New presentation type: PICO sessions



first tested in 2013 in one session per division  
layout and number of screens improved

SM2.1 (large EQs) -> Tuesday

GD2.2/SM3.4 (oceanic plates) -> Wednesday

SM5.2 (geophys+geol+hydro) -> Wednesday





## GA has a theme in 2014



5 keynote lectures

1 Union Session

book for conference participants

- themes vary from one year to the other
- decision this evening if continued





## Scientific Programme GA 2014

### EGU-wide

Great Debate 1: 'Metals in our backyard: to mine or not to mine?'

Wednesday, 15:30, room Y1

### Session Groups

SM1 – General Topics

SM2 – Earthquakes & Earthquake Engineering

SM3 – Hazard & Prediction

SM4 – Geophysical Imaging of the Earth's Interior

SM5 – Integrated methodical approaches

SM6 – Seismotectonics & Geodynamics

SM7 – Co-listed Sessions

co-organized = strong connection between divisions, shared contents/conveners

co-listed = loose connection, just listed for information





## Skeleton Programme GA 2015

General Assembly: Vienna, 12. - 17. April 2015

Skeleton: set up until September 2014 !

- rotation of topics and conveners
- diversity amongst conveners
- take care duplication/overlap among sessions
- encourage poster only sessions (also PICO only sessions?)
- try to cover emerging topics
- encourage interdisciplinarity
- sessions  $\leq 20$  papers: merged/poster only
- suggestions for Union Symposia/Great Debates/etc.







## Communication Activities at the Assembly

### EGU Today

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and films at GeoCinema, amongst activities at the Assembly
- Paper copies will be distributed daily and available to download [www.egu2014.eu/egu\\_today](http://www.egu2014.eu/egu_today)

### Blogs

- GeoLog & the EGU Blog Network will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them here: [geolog.egu.eu](http://geolog.egu.eu) and [blogs.egu.eu](http://blogs.egu.eu)

### Social Media

- Sessions will be advertised on Twitter ([@EuroGeosciences](https://twitter.com/EuroGeosciences)) and Facebook ([European Geosciences Union](https://www.facebook.com/EuropeanGeosciencesUnion))
- Participants can ask questions & keep updated by following [#egu2014](https://twitter.com/egu2014)





## SM division organization

### President

Charlotte Krawczyk

### Vice-President

Massimo Cocco

!!!

approved  
by DM

### Science Officers

Infrastructures, data and facilities

Theoretical Seismology

Earthquake Characteristics and Processes

Induced and Anthropogenic Seismicity

Surface Waves and Interferometry

Seismic Tomography

Controlled Source Seismology

Shallow subsurface

Non-seismic geophysical imaging

Anisotropy

Receiver Functions and Upper Mantle

Mantle and Converted Waves

Massimo Cocco

Heiner Igel

Mourad Bezzeghoud

Philippe Jousset

Fabio Romanelli

Eduard Kissling

Christopher Juhlin

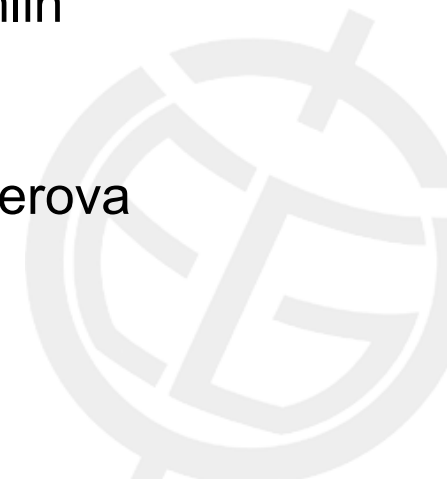
Lars Nielsen

?

Jaroslava Plomerova

Rainer Kind

Lev Vinnik





## SM division organization

### Awards & Medals

Chair for BGM – Guy Masters

OSP Coordinator – Valenti Sallares

### PC Programme Group Chair

Charlotte Krawczyk

### Publication Committee

Ramon Carbonell

### Young Scientist Representative

Matthew Agius

### Member in Outreach Committee

**!!! volunteer needed !!!**





## Rules 'Benno Gutenberg Medal' committee

### Members

last 5 past medalists

1 member must be replaced every year

committee is chaired by the 4<sup>th</sup> last medalist

*ex-officio*: Division President, chair of Union Award Committee

### Committee for 2015

Gregory Beroza (2014 medalist)

Jeroen Tromp

Michel Campillo

Guy Masters (chair)

Jean-Paul Montagner

*ex-officio*: Charlotte Krawczyk, Alberto Montanari

!!!  
approved  
by DM





## Elections in 2014

### EGU-wide

10 Division Presidents will move out in 2015

### SM

at least two or three candidates should be nominated

past-president may serve as vice-president

submission of application via internet until September 2014

### time frame

approval of candidates in Council's autumn meeting

electronic ballots provided by executive secretary

elections in Nov./Dec. 2014 (EGU members only)

inauguration at EGU 2015 General Assembly



## Rules 'Young Scientist Representative'

### EGU-criteria for YS

- be aged 35\* or younger

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

- be an undergraduate or postgraduate (MSc/PhD) student or have received her/his highest degree qualification (e.g., BSc, MSc, PhD) within the last seven years

since 2013

Matthew Agius

activities so far

Seismoblog

facebook page



!!!

approved  
by DM





## European Geosciences Union

Division on  
**Seismology**



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Division Pages ▾

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### Find the EGU on



### Links



### Division on Seismology (SM)

**President:** Charlotte Krawczyk, [sm@egu.eu](mailto:sm@egu.eu)

**Vice-President:** Massimo Cocco, [massimo.cocco@ingv.it](mailto:massimo.cocco@ingv.it)



#### About SM

The EGU offers a well recognized forum where a large variety of scientific questions and results are discussed. Since the impact of geosciences to the society has probably never been as high as it is today, we can foster this development by broadening our research topics and open our fields to wide, interdisciplinary collaborations within EGU. Here, seismology as a discipline is significant, since it contributes to a large variety of both basic and applied thematic fields and urgent questions. The seismology (SM) division at EGU therefore wants to strengthen its value by enhancing the development from static to dynamic models, from acquisition parameter to petrophysical property, and from geomodel to geotechnical application. Thereby, also the ability to make relevant predictions for the future is growing.

#### Find the SM Division at



[Seismoblog](#)



[Facebook](#)

#### News

- [Gregory Beroza](#) is awarded with the Beno Gutenberg Medal 2014
- [Maik Neukirch](#) and [Philipp Kempf](#) won Outstanding Student Poster (OSP) Awards 2013

#### Continued Interest

- [Scientists alarmed by verdict of Italian court](#)
- [Can we predict earthquakes?](#)



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A blog dedicated to the young seismologists  
of the European Geosciences Union

[Home](#) [Top Notch](#) [About](#) [Register](#) [Contribute](#)

## Less than a week to EGU2014.

### What's on?

Posted on [April 22, 2014](#)

The European Geosciences Union General Assembly 2014 is less than a week away. Here are some information you might find useful.



#### RECENT POSTS

- [Less than a week to EGU2014. What's on?](#)
- [A small tribute to the pioneers of plate tectonics](#)
- [125 years since the first recorded seismogram](#)
- [Molding seismic](#)





## EGU Seismology Division on Facebook



Posted on [February 17, 2014](#)

The Seismology Division within EGU has launched its [Facebook page](#). The page is public and can be viewed without having a Facebook account. The scope of this page is for the Seismology Division to reach out further to its EGU members. The page will be used to share EGU related information, seismology-related news. EGU members can subscribe to the page by pressing the like button on recent posts, and will be allowed

The screenshot shows the Facebook page for the EGU Seismology Division. At the top, there is a blue navigation bar with the Facebook logo and a search bar. Below the navigation bar is a cover photo of a geological rock sample with distinct layers. A white notification box is overlaid on the cover photo, stating: "EGU Seismology Division ist bei Facebook. Um dich mit EGU Seismology Division zu verbinden, registriere dich noch heute für Facebook." Below this box are two buttons: "Registrieren" (green) and "Anmelden" (blue). The page header includes the EGU Seismology Division logo (a red circle with "SM" and "EGU" inside) and the text "EGU Seismology Division" with a rating of "0,0" stars and "(0 Bewertungen)". Below the header, there is a description: "Gemeinnützige Organisation. A page dedicated to the EGU Seismology Division, which coordinates the scientific programme on Seismology and related activities carried out by members." At the bottom right, there is a "Fotos" section showing a stack of papers and a "Gefällt mir"-Angaben section showing a thumbs-up icon and the number "74".



## EGU *Topical Meetings* Programme

EGU provides funding for meetings

available formats to apply for co-funding at EGU

conference series

topical meetings

workshops

training schools

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





## EGU Meetings Programme

### Who can apply ?

individual scientists, working groups, and committees

### What is important ?

decisions for or against support are based on scientific merit, timeliness, relevance and feasibility of the proposal

submit via 'support request form'

check format and obligations on website

### Submission periods: now twice a year !

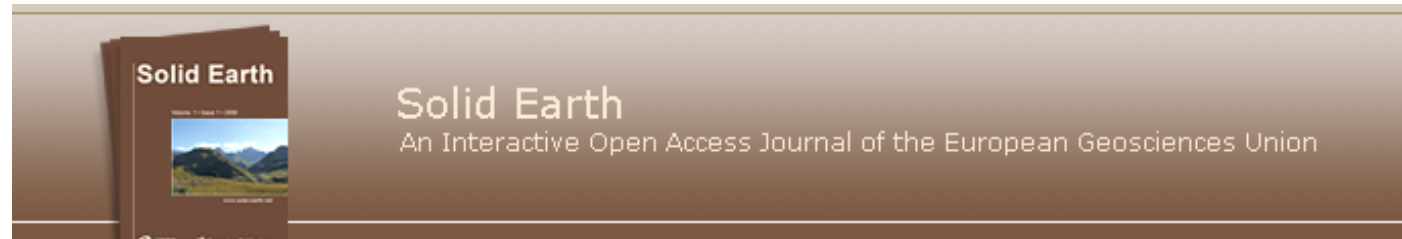
15 Jun – Jul 2014 and Dec 2014 – 15 Jan 2015





## EGU Publication Series

open access as basic principle  
interactive discussion papers



**ISI index: received in 2013 -> 1.37 !**

**fees are waved for all papers submitted until 31.12.2014**

- Review
- Production
- Subscription
- Comment on a Paper

### Aims and Scope

Solid Earth (SE) is an international scientific journal dedicated to the publication of research papers on the composition, structure and dynamics of the Earth from the surface to the deep interior.

The journal invites short communications, research articles, review articles and theoretical investigations (for



## News for 2014

Hans Thybo is new Vice-President

GA stays the next 4 years in Vienna

give feedback on General Assembly 2014

available this week and later on

[www.egu2014.eu/feedback](http://www.egu2014.eu/feedback)





## Elections in 2013

### EGU President/Vice-President 2014-2018

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**Hans Thybo**

**70.5 %**

897 votes

**Hans Thybo** was elected as the EGU President/Vice-President for the term 2014-2018. Hans Thybo will be inaugurated during the EGU plenary meeting on 28 April 2014 in Vienna, Austria. The elected candidate will serve as Vice-President (President-Elect) for the first year, then as the Union President for the next two years and finally as Vice-President (Past-President) for the fourth year. Note that the terms start and end at the Plenary which is held during the General Assembly.

### EGU General Secretary 2014-2016

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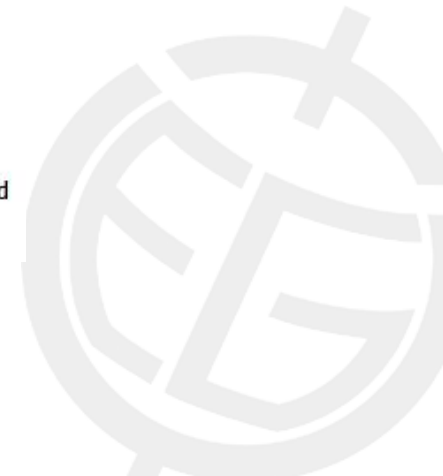


**Mioara Manda**

**95.4 %**

1214 votes

**Mioara Manda** was elected as the EGU General Secretary for the term 2014-2016. Mioara Manda will be inaugurated during the EGU plenary meeting on 28 April 2014 in Vienna, Austria.





# EGU Council & Programme Committee - Febr. 2014

Mioara Mandea

Philippe Courtial



Roland Schlich

Hans Thybo

Günter Blöschl

Don Dingwell



**! the division lives from y/our initiatives !**

contact to discuss division matters  
Charlotte Krawczyk | [sm@egu.eu](mailto:sm@egu.eu)

