

Seismology Division: Business Meeting

R. Carbonell & C. Krawczyk
EGU General Assembly Room 27

Vienna, Austria, Tues 05 April 2011



Agenda / Topics

- Welcome by Division President and President Elect
- Awards and Medallist, Beno Gutenberg Medal
- Call for nominations for 2012 Awards & Medals
- Division officers, secretaries, etc.
- Call for Topical Conferences
- EGU Solid Earth Journal
- 2012 Scientific Programme General Assembly
- Other business and/or suggestions



Beno Gutenberg Medal

This medal has been established by the Seismology Division (SM) in recognition of the scientific achievements of Beno Gutenberg. It is reserved for individuals in recognition of their outstanding contributions to Seismology.



The EGU Beno Gutenberg Medal is awarded to Thomas Guy Masters in recognition of his outstanding contributions in seismic investigations of Earth's large-scale structure, including in particular the deep mantle and core.

Thomas Guy Masters (PhD, 1979 Univ. Cambridge England) Director of the Institute of Geophysics and Planetary Physics (IGPP) at the Scripps Institution of Oceanography.



Outstanding Young Scientist Award 2011

Rock Physicist with diverse and multidisciplinary research interests ranging from Geophysics to Structural geology. In particular, his laboratory work on fluid induced seismicity in active volcanic areas has provided fresh insight into the physical processes that generate the unique and diagnostic seismic signals known as Low Frequency harmonic tremor and which are frequently detected prior to eruption. Philip is currently a Faculty member of the Geological Institute, ETH Zurich where he leads the Rock Deformation research group; moving the laboratory investigation of coupled processes to still higher pressures and temperatures, including magma rheology and dynamics, 'hydro'-fracture in deep geothermal systems, high strain and strain-rate processes, and deep seated earthquake seismicity



**Philip
Benson**



Division Young Scientist Award

Contribution to EGU 2010:

A 3D Moho depth model for the Tien Shan from EGM2008 gravity data

Rebekka Bratfisch, Gerhard Jentzsch, and Holger Steffen



**Rebekka
Bratfisch**

PhD Student at the Institute of Geoscience of the University of Calgary, Canada. The research of the poster is dealing with the calculation of a crust-mantle boundary (CMB) from gravity data only and was supervised by Prof. Gerhard Jentzsch from the University of Jena. In this research, EGM2008 gravity were used as well as a method from Parker-Oldenburg to determine the CMB of the Tien Shan area.



Call for Medal & Award Nominations

- Open Call Proposals until 15th June 2011
Submit your proposal now !!!
- Proposal and Selection of Candidates
- Outstanding Young Scientists Award
 - Group I. Solid Earth Earth Magnetism & Rock Physics (EMRP), Geodesy (G), Geodynamics (GD), Geomorphology (GM), Geochemistry, Mineralogy, Petrology & Volcanology (GMPV), Seismology (SM), Stratigraphy, Sedimentology and Palaeontology (SSP), Soil System Sciences (SSS). Tectonics and Structural Geology (TS)
 - Group II. Soft Earth Atmospheric Sciences (AS), Biogeosciences (BG), Climate: Past, Present & Future (CL), Hydrological Sciences (HS), Ocean Sciences (OS)
 - Group III. Planetary and Space Sciences Planetary and Solar System Sciences (PS), Solar-Terrestrial Sciences (ST)
 - Group IV. Interdisciplinary Area Cryospheric Sciences (CR), Energy, Resources and the Environment (ERE), Earth and Space Science Informatics (ESSI), Geosciences Instrumentation and Data Systems (GI), Natural Hazards (NH), Nonlinear Processes in Geosciences (NP)



Division Organization

- **Division President:** Charlotte Krawczyk
- **Science Officers:**
 - Heiner Igel (*Theoretical Seismology*)
 - Alan Jones (*Multidisciplinary Magnetotellurics*)
 - Michael Jost (*Seismic Sources and Earthquake Generation*)
 - Christopher Juhlin (*Controlled Source Seismology*)
 - Rainer Kind (*Receiver Functions and the Upper Mantle*)
 - Eduard Kissling (*Seismic Tomography*)
 - Lars Nielsen (*Shallow seismics and Georadar*)
 - Hanneke Paulssen (*Deep Earth*)
 - Jaroslava Plomerova (*Anisotropy*)
 - Fabio Romanelli (*Surface Waves*)
 - Lev P. Vinnik (*Mantle and Converted Waves*)
- **Medal Committee Chair:** Brian Kennet
- **PC Programme Group Chair:** Charlotte Krawczyk
- **Publications:** Ramon Carbonell
- **Scientific Affaires:** Massimo Cocco



Medal Committee (2012)

- Rules:
 - Members: Last 4 Past Medalists
 - Term 4 Years
 - 1 Member replaced every year
 - Ex-officio Member: Division President
- Members:
 - Guy Masters (2011 Medal)
 - Jean Paul Montagner
 - John Woodhouse
 - Brian L.N. Kennett (Chair)
 - Guust Nolet



Topical Conferences

The European Geosciences Union invites individual scientists, working groups and committees to mutually organize Topical Conferences for an in-depth discussion of selected topics in the Earth, Planetary and Solar System Sciences. Please, contact the chapter for **General Information and Application**.

- Solid Earth Geosciences
Stephan Mueller Conferences
(last one 2003)

- **Alexander von Humboldt Conferences**

The Alexander von Humboldt Conferences of the European Geosciences Union is a series of special conferences, meetings and workshops held outside of Europe, in particular in South America, Africa or Asia, on selected topics of geosciences with a socio-economic impact for regions on these continents, jointly organized with the scientists and their institutes/institutions of the regions.



Publications

EGU Open Access

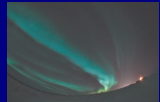
EGU Publication Policy: Dedicated to the pursuit of excellence and free and universal accessibility of scientific publications in all areas of geosciences and planetary and solar system sciences for the benefit of the scientists worldwide.

- **Solid Earth**
An Interactive Open Access Journal of the European Geosciences Union
- **Solid Earth Discussions**
- Chief Editor: Darren Görke
- Manuscript Types:
 - Research Articles
 - Short Communications
 - Comments & Replies
 - Review Articles
- **Special Issues are encourage** Session symposia from conferences, (EGU)
- Not in ISI yet **Need Your Manuscripts !!!**



Outreach

- The EEGS Newsletter
- IMAGGEO, Image Repository
- GIFT, Geosciences Information for teachers



2011 EGU GA, Sesion Groups

- **US4 The 22 February 2011 Christchurch Earthquake**
- **US5 The 11 March 2011 Tohoku (Sendai) Earthquake and Tsunami**
- *EG11 Large Scale European Facilities*
- *EG12 TOPOEUROPE*
- *UMC Union Master Class*
- *SM Groups*
 - SM1 General Seismology Symposia
 - SM2 Earthquakes & Tectonics
 - SM3 Geophysical Imaging of the Earth's Interior
 - SM4 The Lithosphere & the Earth's deep Interior
 - SM5 Early warning, Prediction & Hazard
 - SM6 Co-listed Sessions



EGU 2012 Scientific Program

Vienna, 22-27 April 2012

Setting up SKELETON PROGRAMME now

- Rotation of topics and conveners.
- Diversity amongst conveners.
- Take care duplication/overlap among sessions.
- Encourage poster only sessions
- Try to cover emerging topics
- Encourage interdisciplinarity
- Sessions \leq 20 papers: merged/poster only
- **Suggestions for Symposia ?**

Discuss email with Division President & Officers



Other business and/or suggestions

- **Questions ??????**
- **Suggestions ??????**
- **Please give written feedback on EGU GA**
 - **what went wrong, what can be improved how?**
 - **<http://tinyurl.com/EGU2011Feedback>**



Thanks !!

EGU will be what we want it to be!!

