



# GMPV

Division Meeting 2015

**Mike Burton (incoming)**

**Nick Arndt (outgoing)**

EGU General Assembly

15 April 2015 | Vienna | Austria

## EGU Status:

- About 9000 members
- 22 Divisions
- $\approx$  11,500 people attend the General Assembly
- $\approx$  15 000 abstracts in 2014
- Union Awards, plus Division Awards
- Several topical conferences, short courses, summer schools, primarily organized yearly
- 16 open-access scientific journals, plus other publications and newsletters

## GMPV Officers:

**PRESIDENT:** **Nicholas Arndt** (last term,  
succeeded by Mike Burton)

**Deputy PRESIDENT:** Mike Burton (last term)

**OFFICERS:** Alexandra Gurlan (Geochemistry – last term)

**Andrew Putnis** (low-T Mineralogy)

**Fabrizio Nestola** (high-T Mineralogy)

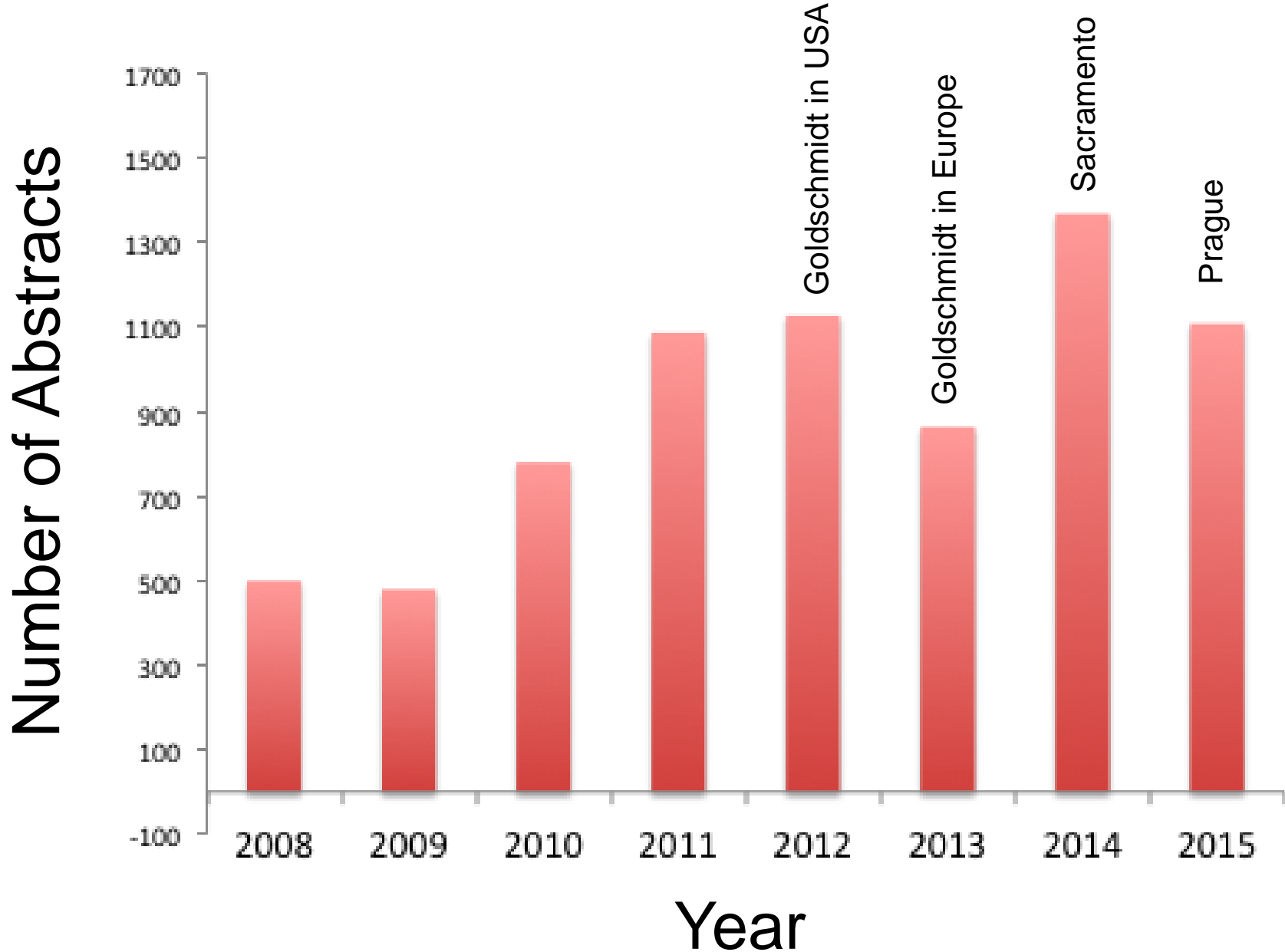
Rais Latypov (Petrology - last term)

**Mike Burton** (Volcanology)

**VGP (AGU) REP:** Bruno Dhuime

**Young scientist:** Ioannis Baziotis

# Abstracts in GMPV sessions



# GMPV Robert Wilhelm Bunsen Medal

*initiated in 2005*



The GMPV Robert Wilhelm Bunsen Medal  
recognizes distinguished research in  
Geochemistry, Mineralogy, Petrology &  
Volcanology

2015:  
Not  
awarded



2014:  
Chris  
Hawkesworth



2013:  
Catherine  
McCammon

2012:  
Bill  
McDonough



2011:  
Micheal  
Manga



2010:  
Mark  
Ghiorso



2009:  
Jonathan  
Stebbins



2008:  
Don  
Dingwell



2007:  
Hugh  
O' Neill



# GMPV Robert Wilhelm Bunsen Medal

Nominations required:

June 15 deadline

<http://www.egu.eu/awards-medals/proposal-and-selection-of-candidates.html>

# GMPV Robert Wilhelm Bunsen Medal

## Awarding Committee:

- Nick Arndt, Chair
- William McDonough
- Catherine McCammon
- Chris Hawkesworth

Approval from division required



# **Arne Richter Award for Outstanding Young Scientists:**

**Union medal recognizes scientific achievements in any field of the Geosciences, made by a young scientist**

**Omar Bartoli**

Nominations for the Outstanding Young Scientist Award are to be sent to the **Awards Committee**, in pdf format, by **15 June of each year**

<http://www.egu.eu/awards-medals/proposal-and-selection-of-candidates.html>

# GMPV Outstanding Student Poster award (OSP)

The GMPV Outstanding Student Poster award recognizes the 4 best posters presented each year by young students\* at GMPV sessions of the EGU General assembly

Sylvia Berg  
Mark Stacey

\*Students subscribe by clicking on a button upon abstract submission



# 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.
- EGU is partly sponsoring the event. Financial loss or benefit go to EGU.
- 2 stage application process on-line. “Deadline” for 1<sup>st</sup> round of applications **November 30<sup>th</sup> 2015** (submission page coming up in summer).
- Submission from September 1<sup>st</sup>, 2015

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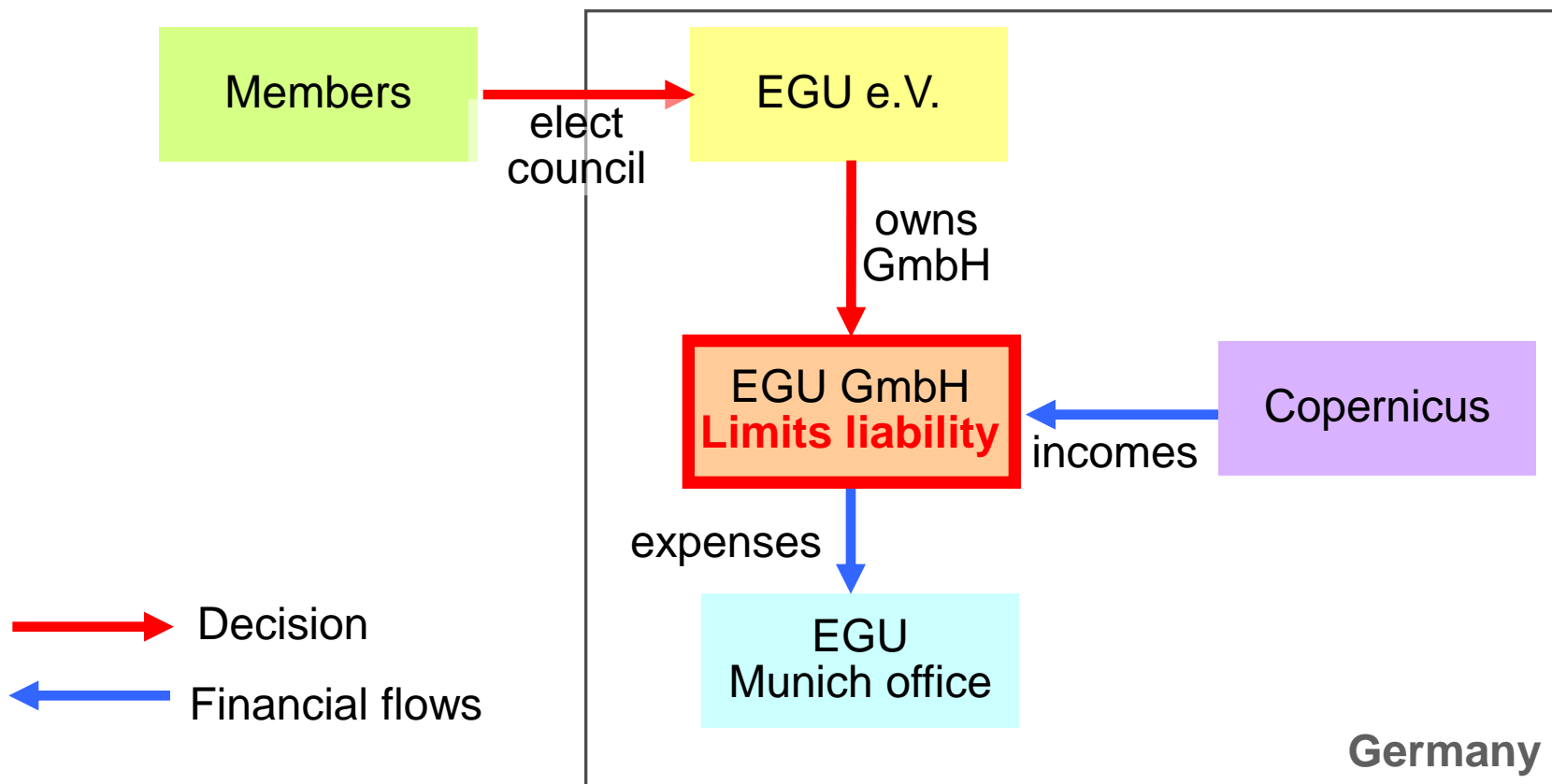
**Mike Burton** (Volcanology)

**VGP (AGU) REP:** Bruno Dhuime

**Young scientist:** Ioannis Baziotis

## Planned setup of EGU

**EGU e.V.** is a non-profit association to be registered in Munich,  
**EGU GmbH** will be a business company registered in Munich.

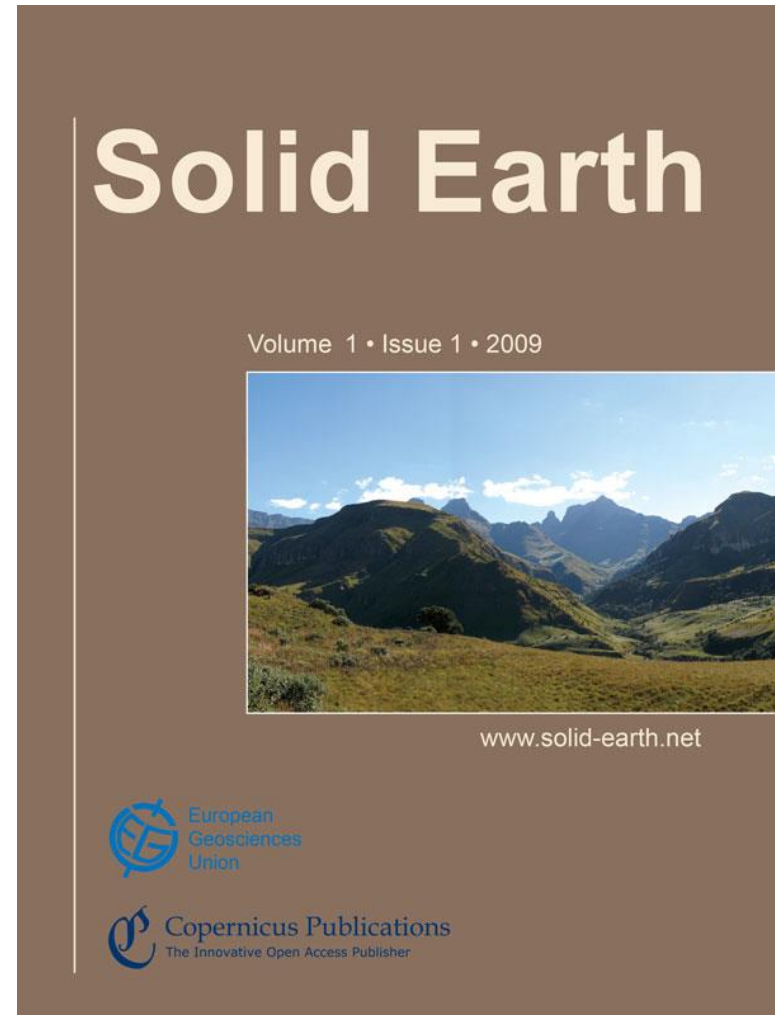


# Solid Earth

- open access
- public peer review & interactive public discussion

Solid Earth now has:

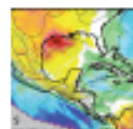
- Six volumes 2010 – 2015
- ISI impact factor = 2.16



## Recent articles

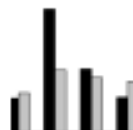
- |            |   |                    |
|------------|---|--------------------|
| <b>SE</b>  | Evaluating management-induced soil salinization in golf courses in semi-arid landscapes   | <b>13 Apr 2015</b> |
| <b>SED</b> | Thickness of the lithosphere beneath Turkey and surroundings from S-receiver functions  | <b>10 Apr 2015</b> |
| <b>SE</b>  | Spatial variability of soil properties and soil erodibility in the Alqueva reservoir watershed  | <b>09 Apr 2015</b> |
| <b>SE</b>  | Cr(VI) sorption/desorption on untreated and mussel-shell-treated soil materials: fractionation and effects of pH and chromium concentration | <b>02 Apr 2015</b> |
| <b>SED</b> | Jurassic-cretaceous deformational phases in the Paraná intracratonic basin, southern Brazil   | <b>02 Apr 2015</b> |

## Highlight articles



**A 3D shear velocity model of the southern North America and the Caribbean plates from ambient noise and earthquake tomography** [Summary](#) **20 Feb 2015**

B. Gaité, A. Villaseñor, A. Iglesias, M. Herraiz, and I. Jiménez-Munt



**Physicochemical changes in pyrogenic organic matter (biochar) after 15 months of field aging** [Summary](#) **23 Jul 2014**

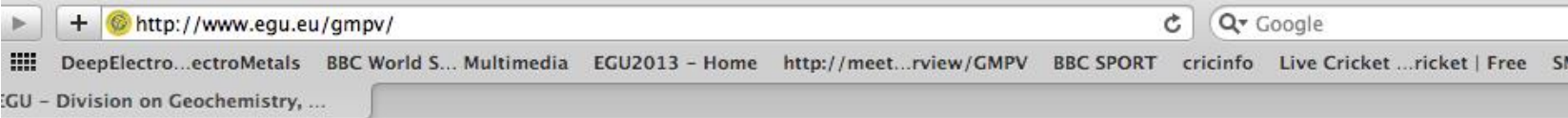
A. Mukherjee, A. R. Zimmerman, R. Hamdan, and W. T. Cooper



**Crop residue decomposition in Minnesota biochar-amended plots** [Summary](#) **11 Jun 2014**

S. L. Weyers and K. A. Spokas

# GMPV website



## Menu

- Home
- GMPV
- Meeting
- Public
- Award
- Jobs

## Division on Geochemistry, Mineralogy, Petrology & Volcanology (GMPV)

President: Nicholas Arndt, [gmpv@egu.eu](mailto:gmpv@egu.eu)

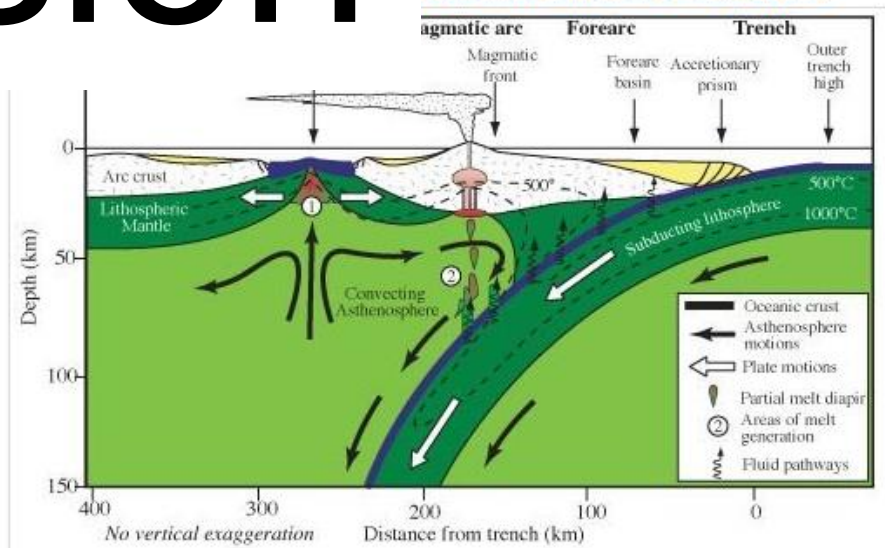
# Needs revision

n includes disciplines that are fundamental to, but not include the nature, composition, structure of the Earth's mantle; continental crust; the formation and crystallization of magmas;imentary rocks; element transfer between the surface;st of these studies fall in the realm of fundamental research,; formation of ore deposits, and the environmental impact of

American Geophysical Union, and with professional societies open Mineralogical Union.

ons from EGU general assemblies:

### ochemical inputs and outputs



## Links





# 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 will be distributed daily and are available to download at [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 at [geolog.egu.eu](http://geolog.egu.eu) and [blogs.egu.eu](http://blogs.egu.eu)

## Social Media

- Sessions will be advertised on Twitter (@EuroGeosciences) and Facebook (European Geosciences Union)
- Participants can ask questions & keep updated by following **#EGU2014**

# Next EGU General Assembly venue

2016 -19: Vienna

2020-24: Vienna (probably)

## *Next GA – how and when you can contribute*

- *Support Division Secretaries by suggesting new sessions – from now*
- *Provide proposals for new sessions through the EGU web – from June to September (see the web and your e-mailbox)*

*Once you are session convener, be pro-active: advertise your session, solicit contributions, etc.*

URL for feedback about the EGU  
GA 2015

(and suggestions for EGU GA  
2016):

**[EGU2015.eu/feedback](http://EGU2015.eu/feedback)**

# GMPV (EGU) and VGP (AGU) organize joint activities

- Joint sessions
- Kuno lecture at EGU

## Items under discussion

- Common identification of themes for the scientific sessions at EGU and AGU General Assemblies
- Opening of the Division mailing lists to both Divisions
- Cross-participation in Medal and Award committees

# Other issues

- open session – how should it be organized? any volunteers?
- VGP-GMPV sessions; reception
- program – too many overlaps?

PICOs what do you think or  
them?