

SSP Division Meeting 2016

**Helmut Weissert
and the SSP Division Officers**

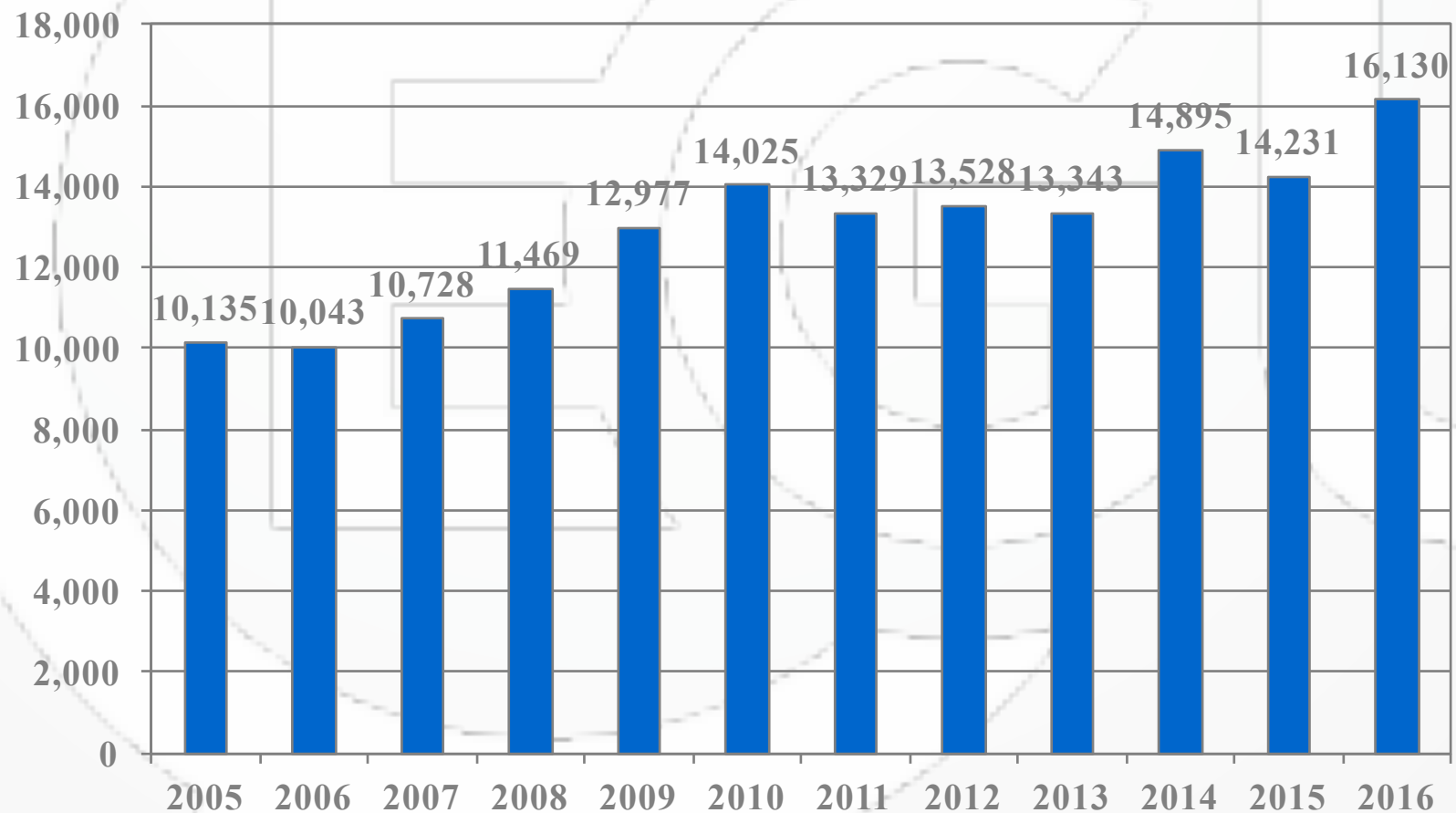
**Wednesday, April, 20th 2016
at 12h15 in Room**

Agenda

- GA 2016 – some numbers
- Information EGU – Activities – Programs
- EGU Publications
- SSP Structure and Team 2016
- Early Career Scientists
- SSP Awards
 - Lamarck Medal – Luc Lourens
 - Early Career Scientist Award for David de Vleeschouwer
 - Outstanding Poster and PICO Award 2015 – Tim van Peer
- Lamarck Medal 2017 – Paleontology
- EGU GA 2017 > SSP Sessions
- Varia

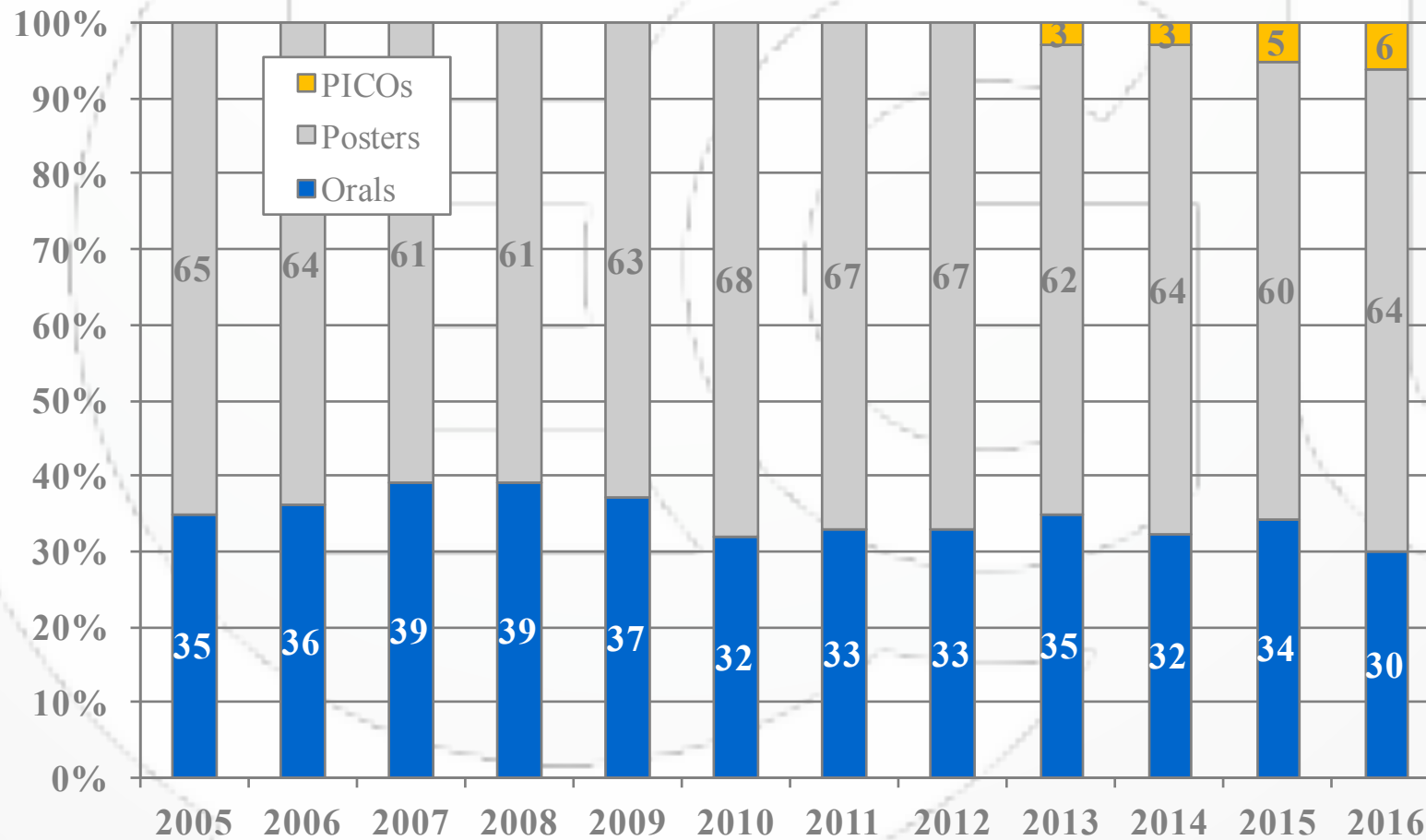


Papers in programme 2005–2016





Presentation ratio 2005–2016





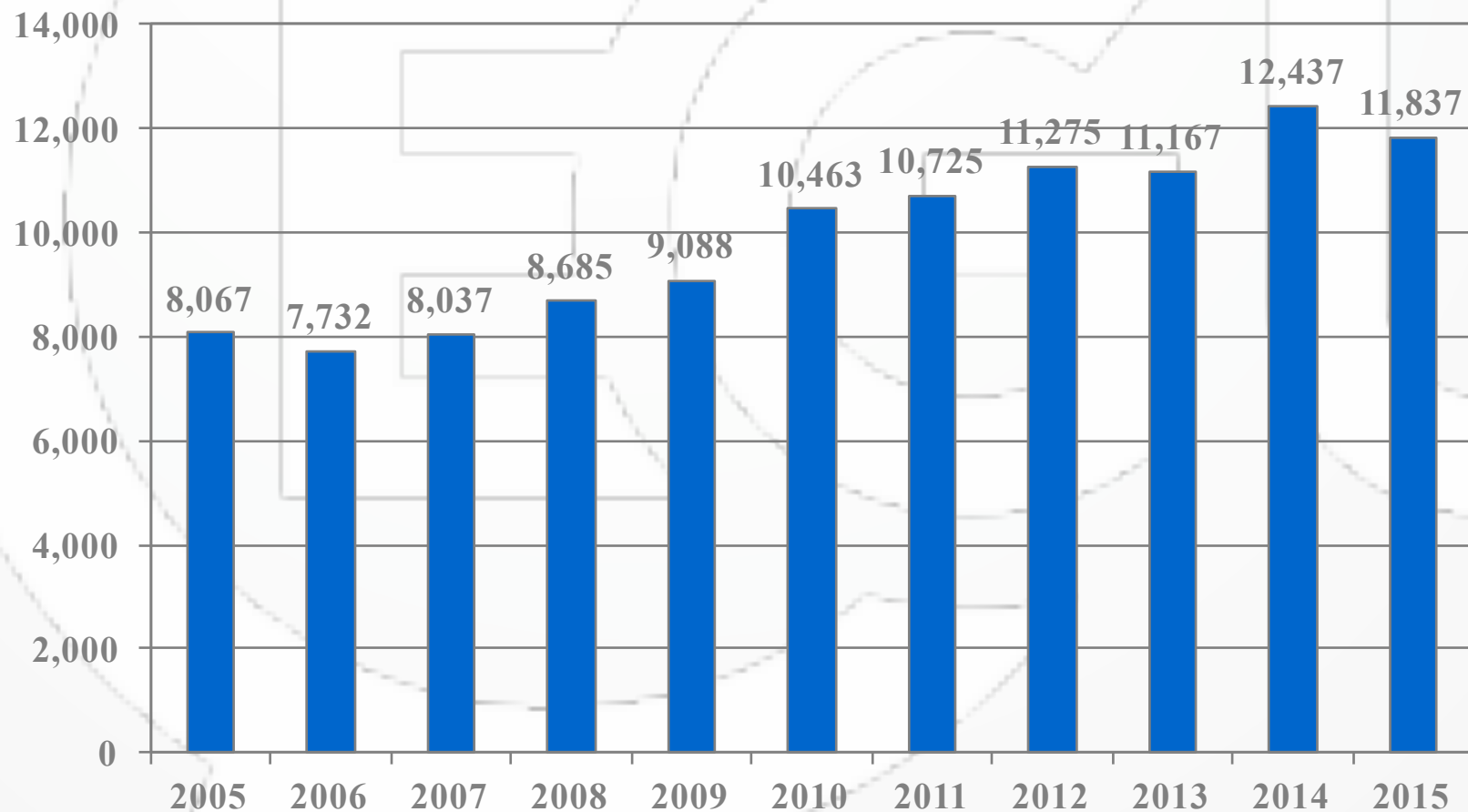
European Geosciences Union General Assembly 2016

Vienna | Austria | 17–22 April 2016



EGU.eu

Participants at EGU General Assemblies 2005–2015



- » EGU Budget: Presented at General Assembly
- » 2015 > Deficit: most Journals “in red”
 - 2016 several actions for improvement in publication sector are planned/implemented

» Activities - EGU



EGU

EGU Galileo conferences

Purpose of Galileo conferences:

- Bring together up to 100 participants for a 3-5 days meeting to discuss a well-focused cutting-edge topic at the frontier of geosciences research in a stimulating environment.
- Possibility to publish a special Galileo Conference proceeding issue in one of the EGU journals

Support:

- EGU is putting at disposal the conference organization tools; web hosting, abstract, programme and registration management.
- EGU provides comprehensive organisational support by organizing e.g. venue, poster boards, catering, Wi-Fi facilities, etc. Thereby the organising committee can fully focus on the scientific aspects of the conference.
- Support for Early Career Scientists (up to 5000€)
- EGU is covering a potential deficit of the event.

Galileo: summary

Proposal Archive (TE Chair, GC Coordinator)

Year: 2015 ▼

2015

Legend: supported under negotiation in review rejected withdrawn

ID	Title	Reviews
GC2015/8	<u>From process to signal - advancing environmental seismology</u> Jens Turowski	I: <u>1 2 3 4 5</u> II: <u>1 2 3 4 5 6</u> <u>7 8</u>
GC2015/7	<u>21st International Conference on Deformation Mechanisms, Rheology and Tectonics</u> Enrique Gomez-Rivas	
GC2015/6	<u>Cross community workshop on past flood variability</u> Bruno Wilhelm	I: <u>1 2 3 4</u> II: <u>1 2 3 4 5 6</u>
GC2015/4	<u>Study of electromagnetic ground shipments and their relationship to earthquakes</u> Homaied AL-dhbaity	
GC2015/3	<u>Magnetic field of the Earth</u> Aleksey Popov	
GC2015/2	<u>EGU Meetings Support: Launch of the Galileo Conferences - Open for Submission</u> Badr Mabrouk	

Outreach and Policy

- **Expertise database;** the new Science Policy Fellow, Sarah Connors, asks EGU members who want to become more involved with policy to register on the new EGU expertise database www.egu.eu/policy/expertise

Contact email: policy@egu.eu; Website: www.egu.eu/policy

- **Public engagement grants;** Two excellent projects “to celebrate and recognise science communication in the Earth, planetary and space sciences” were selected for 2106, to be announced at 12:15 on Friday. Applications for 2017 are welcome (after November) at: <http://www.egu.eu/user-area/peg/>.

Press activities & EGU Today & Networking

- **Press activities** 8 Press conferences: opportunity for scientists to present their work to journalists; opportunity to get the EGU conference and its research to reach a wider audience
- **ECS Networking** ECS meetings - Sessions of special interest for ECS ...
- **EGU today**
 - EGU's daily newsletter at the General Assembly (2 pages per day)
 - Highlights interesting disciplinary and Union sessions, Medal Lectures, Short Courses, GeoCinema events, etc.
 - About 2500 paper copies day will be distributed as last year



Social Media & Blogs

BLOGS

- **The EGU blog, GeoLog,** will feature posts on selected scientific sessions and events at the Assembly throughout the week
- **The division bloggers** will be reporting on the meeting from the conference as well as remotely
- **The division blogs** will be supported by student reporters who will be contributing content to the blogs and social media

SOCIAL MEDIA

Facebook: A daily post linking to the GA highlights posts on Geolog will be shared on Facebook

Twitter: Sessions, press conferences & side events will be highlighted on Twitter

- The conference hashtag (#EGU2016) will allow people to follow the conference remotely and allow discussion between participants
- Session discussion on Twitter will be recorded and used as a resource
- PG-specific hashtags for discussion within a particular field

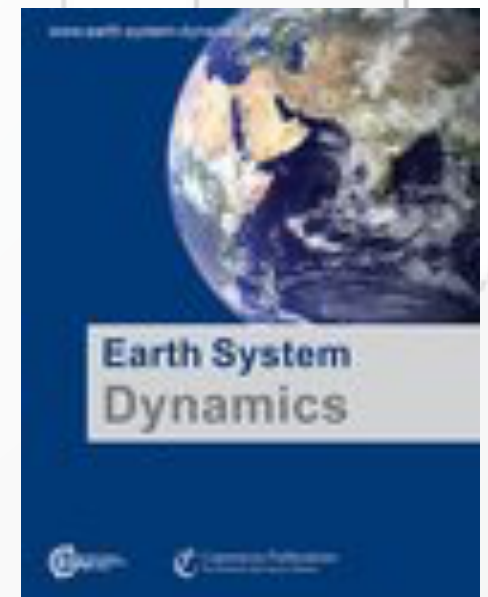
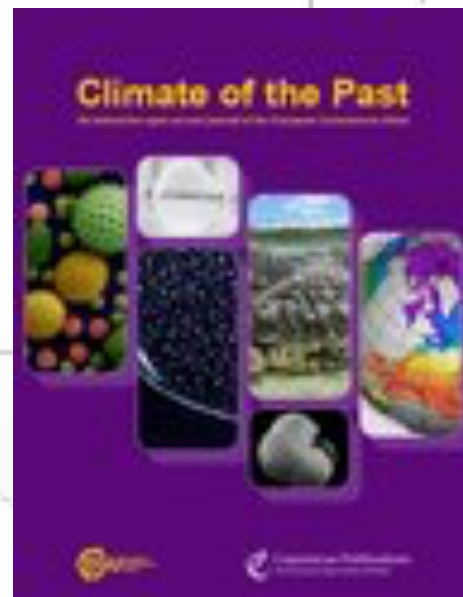
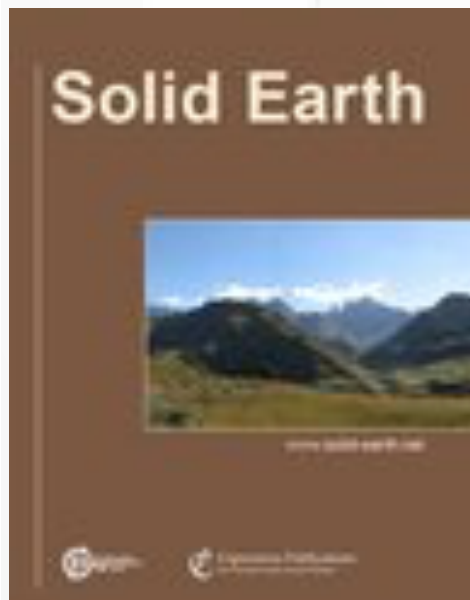
GA Survey

www.egu2016.eu/feedback

- Distribution:
 - via email to participants and EGU members after GA
 - links on social media & blog
 - egu2016.eu website
 - Flyers/cards in Vienna
- Survey live during GA and until mid June



EGU Journals – open access



Division on Stratigraphy, Sedimentology and Palaeontology (SSP)

President: Helmut Weissert, ssp@egu.eu

Deputy President: Ian Jarvis, i.jarvis@kingston.ac.uk

The Stratigraphy, Sedimentology and Palaeontology Division (SSP) focuses its activities on all aspects of the sedimentary record. About 70 % of the Earth surface is covered by sedimentary deposits, which are eroded and deposited right at the contact between the solid lithosphere and the atmosphere, biosphere and hydrosphere. Sedimentary rocks record the history of our planet since almost 4 billion of years and play a pivotal role for our understanding of the evolution of life. This deep-time archive of Earth history is studied with a wide range of analytical techniques providing ever stunning details on the evolution of our planet. Sedimentary basins host important natural resources like coal, gas, oil, ore deposits and groundwater and therefore a better understanding of the physical, chemical and biological processes controlling the formation and distribution of sediments and sedimentary rocks is of utmost importance for our society.

SSP Structure

resident	Helmut Weissert	ssp@egu.eu
Deputy President	Ian Jarvis	i.jarvis@kingston.ac.uk
Programme Group Chair	Helmut Weissert	ssp@egu.eu
Science Officers	Stéphane Bodin Stratigraphy	stephane.bodin@rub.de
	Guilhem Amin Douillet Sedimentology	douillet@min.uni-muenchen.de
	Daniel Parsons Sedimentology	d.parsons@hull.ac.uk
	Thijs Vandenbroucke Palaeontology	thijs.vandenbroucke@univ-lille1.fr
	Richard Twitchett Palaeontology	r.twitchett@nhm.ac.uk
Jean Baptiste Lamarck Medal Chair	Judy A. McKenzie	judy.mckenzie@erdw.ethz.ch
ECS Representative	Guilhem Douillet	g.douillet@min.uni-muenchen.de
ECS Co-Representatives	Anna Sanson	anna.sanson@pim.uzh.ch
	Christian Zeeden	c.zeeden@geo.rwth-aachen.de

Re- Election of Division Officers

Early Career Scientists

SSP Early Career Scientists (ECS)

What is an EGU ECS?

- 35 years old or younger
OR
- received his or her highest degree (e.g., BSc, MSc, PhD) within the past seven years*.

ECS representative SSP:
Guilhem Amin Douillet
g.douillet@min.uni-muenchen.de

ECS Co-rep:
Christian Zeeden
c.zeeden@geo.rwth-aachen.de

Website and infos:

- <http://www.egu.eu/ecs/>

ECS travel award:

- http://egu2016.eu/support_and_destinction.html

Activities during GA:

- Ice Breaker: “Early Career Scientists Meeting Corner”
- All week: “ECS Lounge“ - Red Level
- => Look for ECS rep (Fri, 13:30-15:30, Guilhem for SSP)
- ECS forum (Wed, 12:15-13:15, -NOW!)
- Loads of short courses!

EGU2017 SSP:

Short course with industry people. Stratigraphy (Total)

Facebook page:

<https://www.facebook.com/EGUssp>



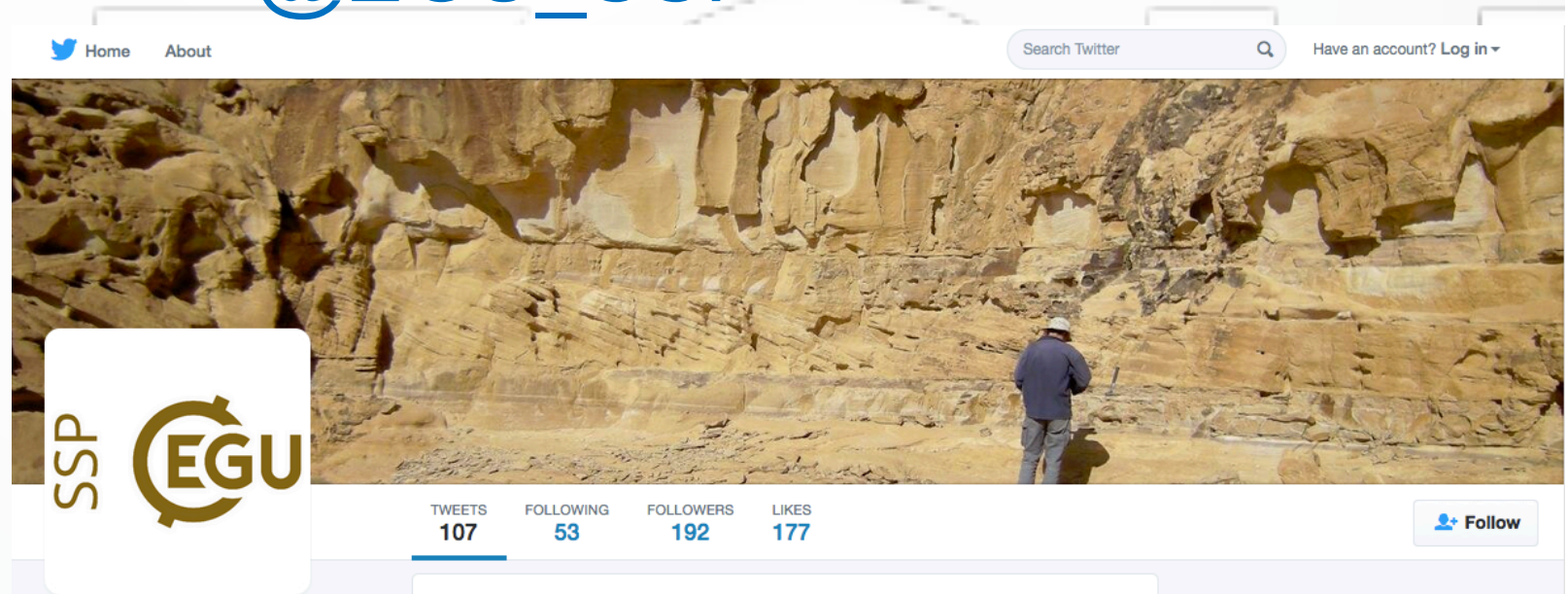
1846 “Likes”!

=> Most liked EGU division pages

- Anna Sanson + Guilhem Amin Douillet
- Feel free to share photos announcements etc..

Looking for a new administrator

Twitter page:
https://twitter.com/EGU_SSP
[@EGU_SSP](https://twitter.com/EGU_SSP)



192 “Followers”

- Only basic EGU information shared

NEED FOR AN ADMINISTRATOR!!

- Outstanding Student Poster
& PICO Contest (OSPP):



2015 award: Tim van Peer

- Revised Late Oligocene to Early Miocene magnetic stratigraphy recorded by drift sediments at Sites U1405 and U1406, IODP Expedition 342 (Newfoundland, NW Atlantic)

This presentation participates in OSPP



Outstanding Student
Poster & PICO Contest

• WE NEED JUDGES!

and the online tool works well now:

<http://meetingorganizer.copernicus.org/egu2016/ospp-judge-dashboard>

**Arne Richter Award for outstanding ECS Lecture
(Soft Earth divisions)**

OR

Division Outstanding Early Career Scientist Award

2016 award: Dr. David de Vleeschouwer

A global cyclostratigraphic framework constrains the timing and pacing of environmental changes over the Late Devonian (Frasnian – Famennian) mass extinction. Today 8:30...

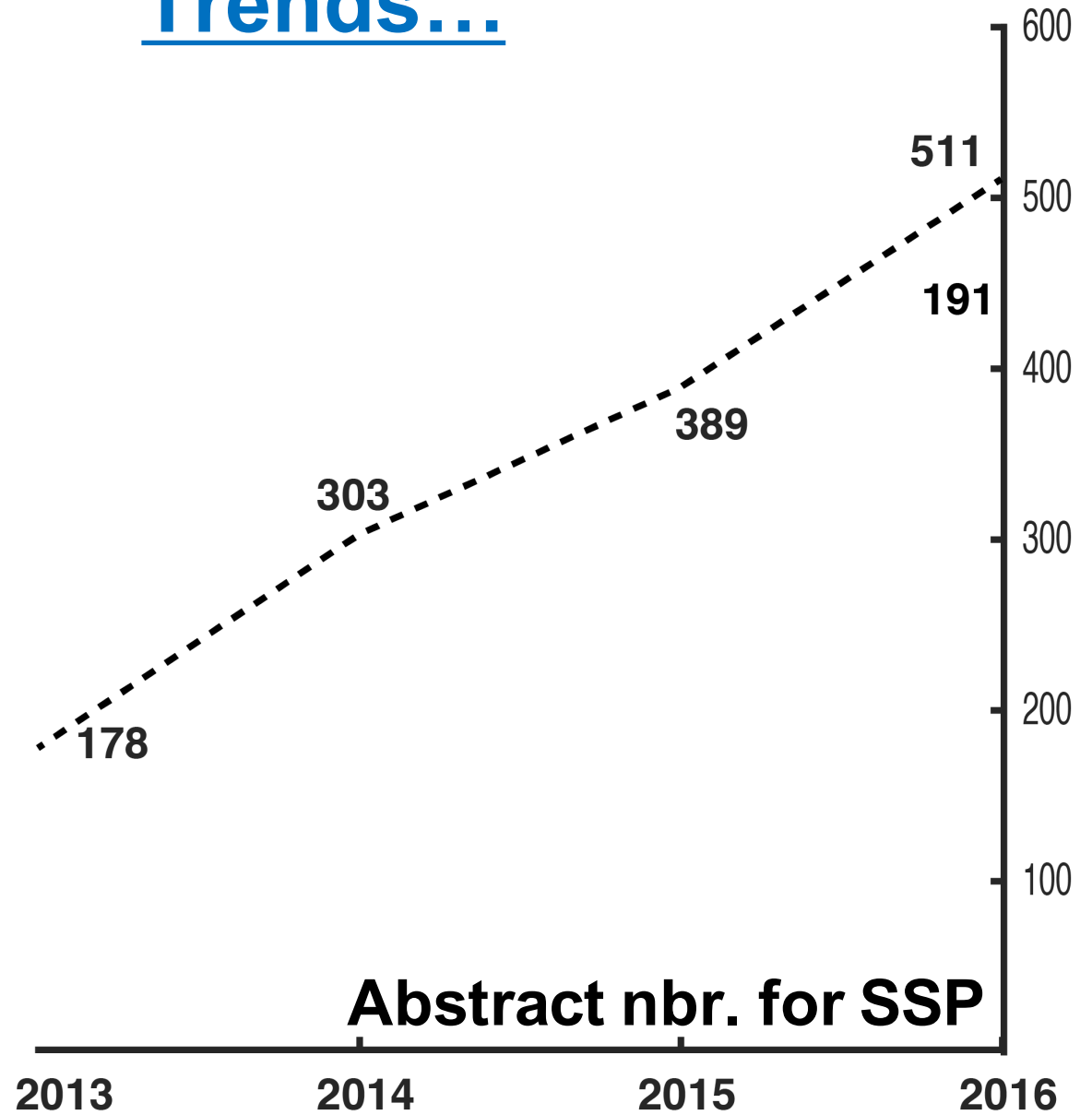
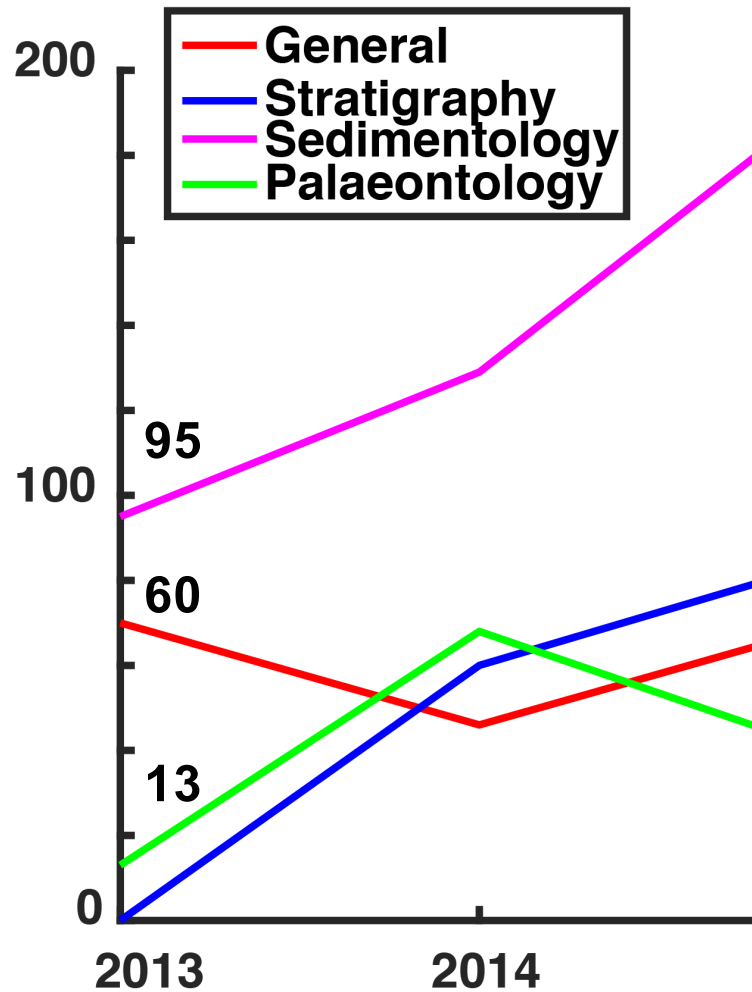


⇒ **Nomination EGU2017 by 15. June!!**

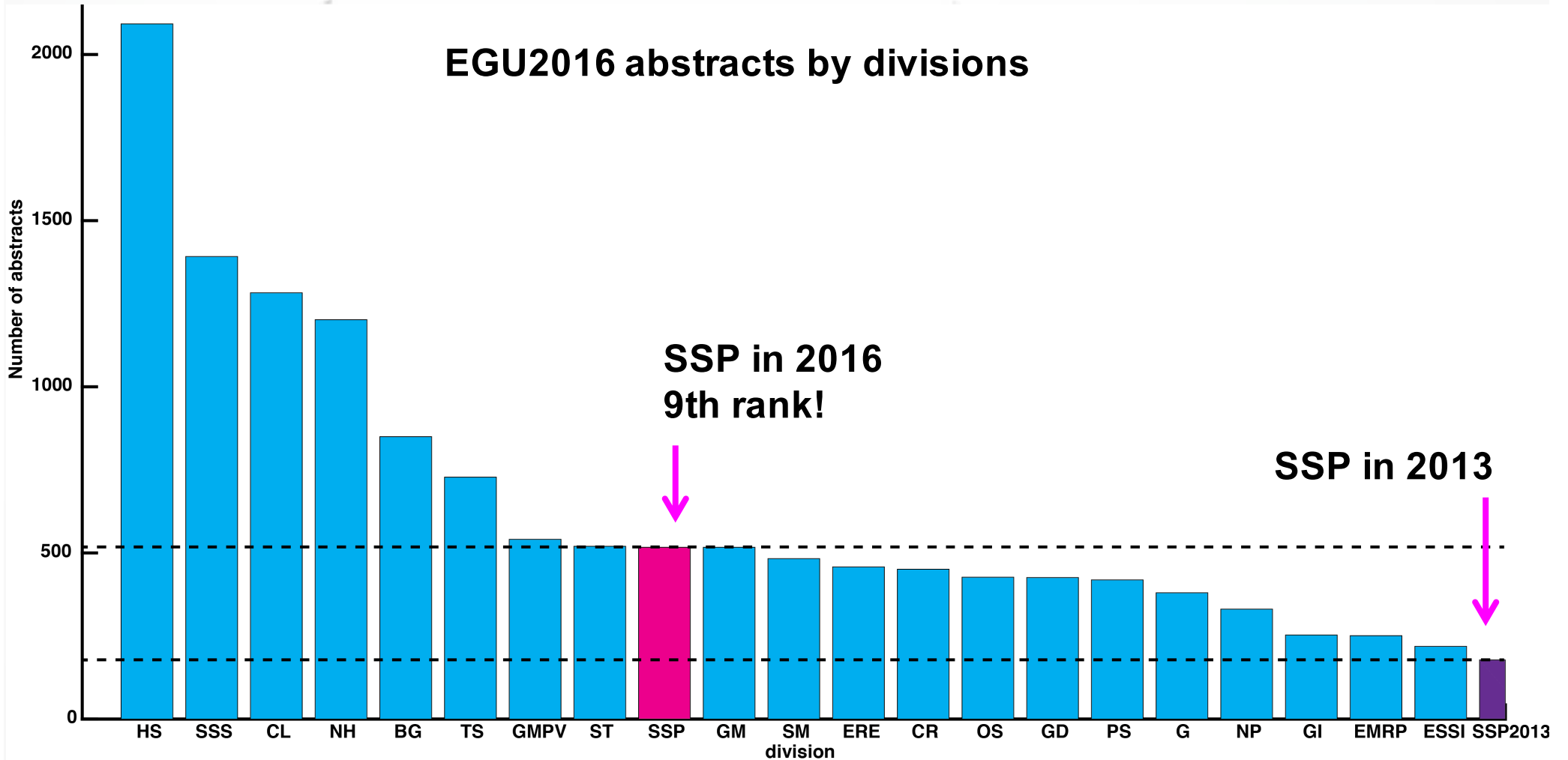
<http://www.egu.eu/awards-medals>

-Nomination letter (1/2 page)
-CV (1 page)
-Selected bibliography
Total: < 2 pages

Trends...



Abstract nbr. for SSP



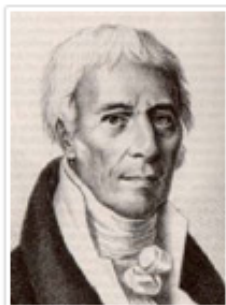
⇒ **Healthy division!**
⇒ **Now what?**

AWARDS



EGU

Awards & Medals

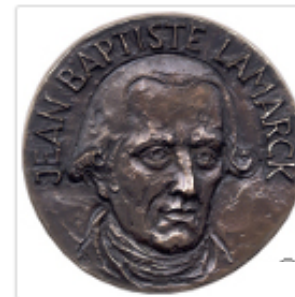


Jean Baptiste Lamarck Medal

The Jean Baptiste Lamarck Medal is established by the Division on Stratigraphy, Sedimentology and Paleontology in recognition of the scientific achievement of Jean Baptiste Lamarck.

It is reserved for scientists for their exceptional contributions to either Stratigraphy, Sedimentology or Paleontology. The medal will be awarded each year, alternating between the three subdivisions, so that each third year a Stratigrapher, Sedimentologist or Paleontologist will be awarded.

The medal has been exclusively designed for the EGU by József Kótai.



Jean Baptiste Lamarck Medallists



2015

Wolfgang Schlager



2014

Isabella Premoli Silva



2013

Helmut Weissert



2012

Emiliano Mutti



2011

Malcolm Barrie Hart



2010

Felix Gradstein



2009

Maurice E. Tucker



2008

Franz Theodor Fürsich



2007

Alessandro Montanari



2006

Judith A. McKenzie

Jean Baptiste Lamarck Medal 2016



The 2016 Jean Baptiste Lamarck Medal is awarded to Lucas Lourens in recognition of his outstanding contributions to cyclostratigraphy and astronomical tuning of the geologic timescale, and their application to studying Earth's climate history.

Outstanding Student Poster (OSP) Award 2015
Stratigraphy, Sedimentology and Palaeontology



The 2015 Outstanding Student Poster (OSP) Award is awarded to Tim van Peer for the poster entitled:

Revised Late Oligocene to Early Miocene magnetic stratigraphy recorded by drift sediments at Sites U1405 and U1406, IODP Expedition 342 (Newfoundland, NW Atlantic) (van Peer, T.; Xuan, C.; Wilson, P.; Liebrand, D.; Lippert, P.).

Click [here](#) to download the poster as PDF-file.

Tim van Peer is a NERC funded Ph.D. student at the National Oceanography Centre, Southampton at the University of Southampton, UK, under supervision of dr. Chuang Xuan, Prof. Paul Wilson and dr. Peter Lippert (University of Utah). His project focuses on Oligocene-Miocene palaeomagnetic and environmental magnetic change in the north-western Atlantic, using expanded sedimentary sequences recovered during Integrated Ocean Drilling Program Expedition 342 at sites U1405 and U1406. Tim's poster presented the revised spliced magnetic stratigraphies for both sites, which are fundamental for future studies.

Division Outstanding Young Scientists Award 2016
Stratigraphy, Sedimentology and Palaeontology



The 2016 Division Outstanding Young Scientists Award is awarded to David De Vleeschouwer for his contribution to Devonian climate based on a new astrochronology combined with Bayesian statistics.

David de Vleeschouwer, now a post-doctoral researcher at MARUM, Universität Bremen, Germany, finished his PhD thesis in 2014 at the Department of Geology of the Vrije Universiteit Brussels, Belgium. For his thesis on Devonian climate, he combined data from field observations, high-resolution geochemistry, time series analyses and climate modelling. He integrated results from Devonian radiometric dating with astrochronology combined with Bayesian statistics. His pioneering work resulted in the reduction of time-scale uncertainty and, hence, in a very precise stratigraphy of the Devonian and in a substantial improvement of the Devonian time scale.

De Vleeschouwer combined his results from astrochronology with sedimentological and palaeoceanographic investigations and with climate modelling, aiming at a better understanding of Devonian climate. By pushing his quantitative approach to deep-time stratigraphy to its limits he gained fascinating insight into Late Devonian greenhouse climate. In his young career he has gained deep understanding in a broad range of disciplines of Earth sciences. His outstanding scientific skills are well reflected in a number of excellent publications.

He also received several awards for outstanding presentations at national and international conferences and workshops. He is engaged in public outreach activities and, with his understanding of climates of the past, he actively participates in public debates on future climate change.

Lamarck Medal

- a. Award Committee: 3 members plus chairperson
- b. Nominations to be submitted online to Executive Office
- c. No self-nominations
- d. At least **two nominations!**
- e. Deadline: **15 June 2015!**
- f. 2016: nominations for **STRATIGRAPHY**

Decisions:

Wolfgang Schlager replaces Emiliano Mutti as Award Committee Member.
Judy McKenzie continues to act as Award Committee Chair.

The SSP Division thanks Emiliano for his excellent services on the Committee.

Time Schedule for Union Awards and Division medals

1 January–15 June	Open Call-for-Proposals
15 June–1 September	Survey of all suggestions by the respective Award and Medal Committees. With respect to the Outstanding Young Scientist Awards, the Officers of the Union Divisions will evaluate their proposals between 15 June–30 June, while the Council will select max. 4 candidates from all suggested by the Divisions.
1–30 September	Peer assessment of the nominated candidates by the Union Award Committee.
October	Presentation of the candidates and final approval by the Union Council at its fall meeting.
October/November	Awardees and Medallists are informed to receive their award/medal at the next General Assembly of the Union.

Support the SSP Division by submitting proposals for sessions

Thanks to all Division Officers, Session Convenors and Authors

Thanks for attending the SSP Division Business Meeting

Enjoy EGU GA 2016