

European Geosciences Union

## Division Meeting Cryospheric Sciences (CR)

Room R13, Thursday 15 April 2015, 12:15-13:00

Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)

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## Agenda

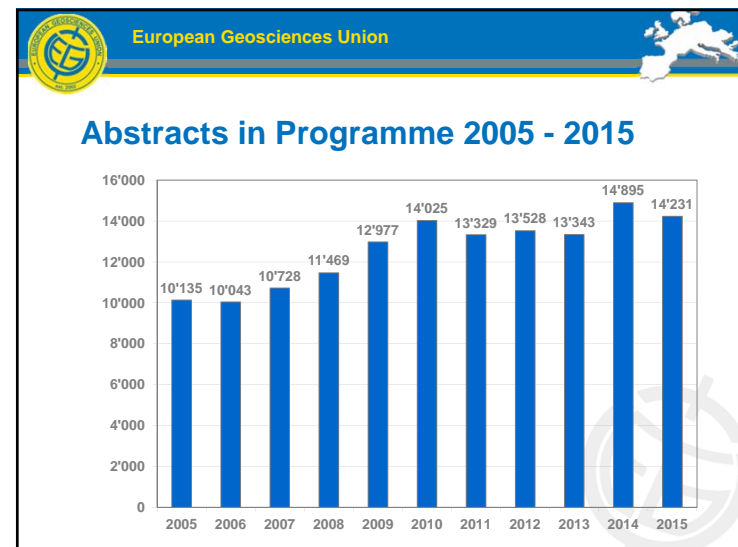
- Meeting statistics
- CR Programme
- CR Officers and secretaries, medal committee
- Young scientists
- Medals and awards
- Publications: The Cryosphere
- General discussion

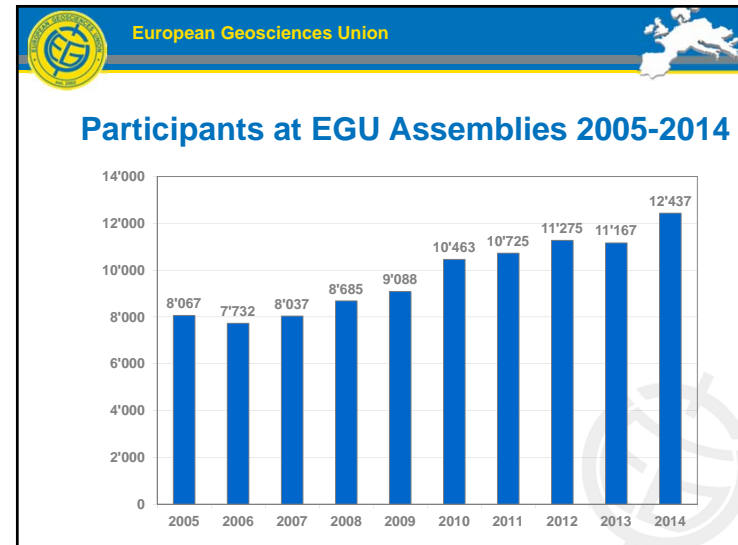
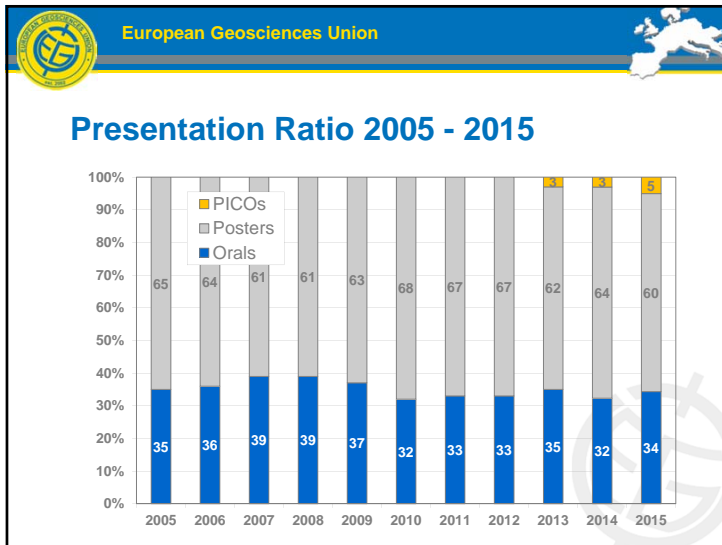
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## EGU General Assembly 2015 Facts

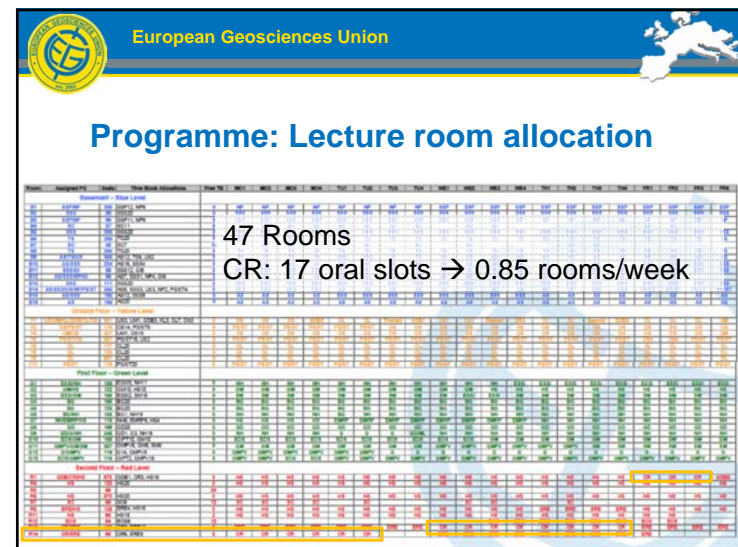
As of 7 April, the Assembly 2015 provides:

- 14,231 Abstracts in programme | -4.46% (2014)
- 4,900 Orals | 8,608 Posters | 723 PICOs |  
ratio: 34.5% / 60.5% / 5%
- 379 unique scientific sessions | 285 side events
- 8,848 registrations in advance (8,800 already paid) | -13.77% (2014)





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- ### CR Statistics
- 2015: 585 abstracts and 28 oral blocks | 4 PICOs (307 abstracts in 17 CR session: 17 oral blocks) → **-22%**
  - 2014: 538 abstracts and 26 oral blocks | 2 PICOs (398 abstracts in 20 CR sessions: 21 oral blocks)
  - 2013: 551 abstracts and 30 oral blocks
  - 2012: 458 abstracts and 24 oral blocks
  - 2011: 454 abstracts and 23 oral blocks
  - 2010: 387 abstracts and 19 oral blocks



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## Programme: Lecture room allocation

3 time blocks:  
Friday

6 time blocks:  
Monday-Tuesday

8 time blocks:  
Wednesday-Thursday

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## Programme: Session Structure

	O	PI	PO
<b>CR1 – General Topics in Cryospheric Sciences</b>			
CR1.1/SSS0.20 Permafrost Open Session (co-organized)	12	0	24
CR1.2 Rapid changes in sea ice: processes and implications	6	0	15
CR1.3 Subglacial Environments of Ice Sheets and Glaciers	0	0	10
<b>CR2 – Instrumental Observations of the Cryosphere</b>			
CR2.1 Remote Sensing of Polar Snow and Ice	12	0	20
CR2.2 Glacier Monitoring from In-situ and Remotely Sensed Observations	11	0	15
CR2.3 Applied Geophysics in Cryosphere Sciences   PICO	0	15	0
<b>CR3 – The State of the Cryosphere: Past, Present and Future</b>			
CR3.1/GM9.4 Reconstructing paleo ice dynamics	6	0	16
CR3.2 State of the Cryosphere: Observations and Modelling	12	0	14
CR3.3 Glaciers and ice caps under climate change	6	0	9
CR3.4 Ice-sheet and climate interactions	6	0	10
<b>CR4 – Snow and Ice: Properties, Processes, Hazards</b>			
CR4.1/TS2.11 Deformation mechanisms and microstructures in Earth materials   PICO	0	15	0
CR4.2/CL4.14/OS1.16 Mass and energy balance of snow and ice and drivers of Greenland	6	0	14
CR4.3 Snow, snow cover processes and avalanche formation   PICO	0	15	0
CR4.4/NH8.5 Snow avalanche dynamics, hazard mapping and risk management   PICO	0	10	0
CR4.5/NH8.6 Risks from a changing cryosphere (co-organized)	5	0	13
<b>CR6 – Application, Development and Validation of Numerical Models of the Cryosphere</b>			
CR6.1 Modelling ice sheets and glaciers (including Arne Richter Award Lecture for OSY)	13	0	17
CR6.3 Ice shelves - dynamics, interactions, observations, modelling	6	0	10

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## Division Structure

President/PC Chair: Jürg Schweizer (2015-2017)  
 Deputy President: Olaf Eisen: (2013- )  
 Medal Committee: Dorthe Dahl-Jensen (2014- )  
 OSP Award Coord.: Willem Jan van de Berg (2014- )  
 YS Rep.: Nanna B. Karlsson (2014- )  
 Publications: Jonathan L. Bamber  
 Outreach: Olaf Eisen (2014- )

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## Division Structure

### Secretaries

Sea Ice: *vacant*  
 Permafrost: *Christophe Grenier* (2015- )  
 Glaciers: *Matthias Huss* (2014- )  
 Ice Sheets: *Guðfinna Th. Aðalgeirsdóttir* (2014- )  
 Ice Caps: *Nick Barrand* (2014- )  
 Ice Shelves: *Adrian Jenkins* (2014- )  
 Snow: *Henning Löwe* (2013- )

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## Division Structure

### Louis Agassiz Medal Committee

Dorthe Dahl-Jensen, Chair (2014)  
 Ian Joughin (2012)  
 Florent Dominé (2013)  
*Michiel van der Broeke (2015)*

ex-officio member without voting rights:  
 Jürg Schweizer

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## Young scientists' update

- YS CR Representative: Nanna B. Karlsson  
 Post-doc at Centre for Ice and Climate,  
 University of Copenhagen, Denmark
- The YS representatives at EGU makes sure that issues raised by YS are listened to and acted on.
  - most importantly: change in definition and name of YS

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## Young scientists' update

- Cryosphere blog: <http://blogs.egu.eu/divisions/cr/>  
 → reflects diversity of cryospheric research and increases visibility of young scientists.
- Get involved in many different ways, for example:
  - Write a blog post, or become an editor on the blog.
  - Organise a short course (for next year).
- Questions, issues or concerns? Talk to me!

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### Louis Agassiz Medal Lecture by Michiel R. van den Broeke

Mon, 13 April, 19:00-20:00 / Room R1

The 2015 Louis Agassiz Medal is awarded to Michiel R. van den Broeke for fundamental contributions to model mass balance on the ice sheets with the Regional Atmospheric Climate Model (RACMO) model.

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**Arne Richter Award for Outstanding Young Scientist Lecture by Jérémie Mouginot**

Wed, 16 April, 12:00-12:30 / Room R13

The 2015 Arne Richter Award for Outstanding Young Scientists is awarded to Jérémie Mouginot for his fundamental contributions in remote sensing of the cryosphere.

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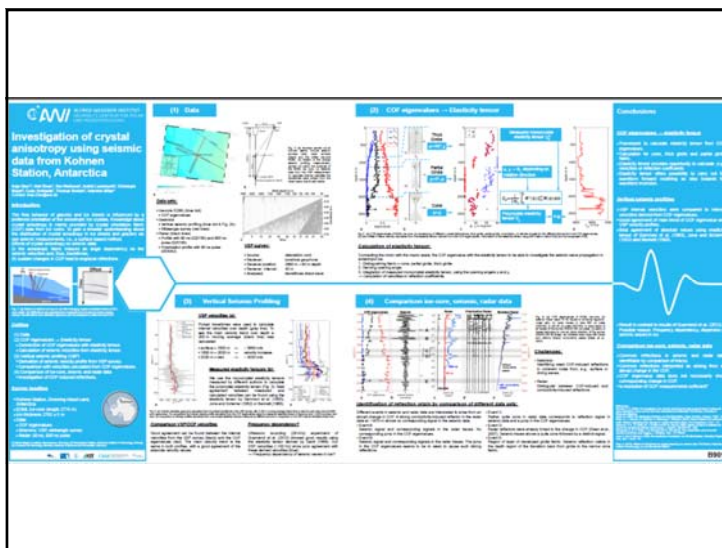
**Outstanding Student Poster Award**

**Anja Diez**

The 2013 Outstanding Student Poster (OSP) Awards is awarded to Anja Diez for the poster entitled:

*Investigation of crystal anisotropy using seismic data from Kohlen Station, Antarctica*

Diez, A.; Eisen, O.; Weikusat, I.; Lambrecht, A.; Mayer, C.; Hofstede, C.; Bohlen, T.; Miller, H.



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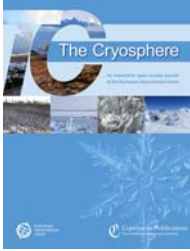
**EGU Medals and Awards**

- **Union medals**  
Alfred Wegener Medal (senior late-career scientists)
- **Union awards**  
Arne Richter Award for Outstanding Young Scientists
- **Union travel awards**
- **Division medals and awards**  
Louis Agassiz Medal ('mid-term' scientist)  
Outstanding Young Scientist Award  
Outstanding Student Poster Award

**Deadline for proposing candidates for 2016 is 15 June 2015.**  
Detailed guidelines [www.egu.eu/awards-medals](http://www.egu.eu/awards-medals).

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## The Cryosphere



- An open access journal
- Impact factor 4.37
- The leading journal in its field

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## EGU

- GA & Conferences → **Galileo Conferences**
- Publications
- Awards
- Outreach
- Newsletter
- Young scientists

Meetings | Publications | Outreach | [www.egu.eu](http://www.egu.eu)

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## 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 **30 November 2015** (submission page coming up in summer).
- Submission from 1 September 2015

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## EGU 2015 issues, plans for EGU 2016

- Lecture Rooms ?
- Suggestions for improving the program ?
- PICOs? PICO Award ?
- Poster sessions generally 5:30-7:00 pm ?
- Please propose new sessions and new conveners for 2016.
- Time of the Medal lecture: 7-8 pm ?

**EGU 2016: 17 - 22 April 2016**