



## Minutes Business Meeting 7.4.2011

Agenda:

- Welcome
- EGU status
- GI Session Status 2011
- Confirmation of Medal Committee
- Outstanding Student Poster Initiative
- Election / Confirmation of Division Officers
- New GI-Journal
- Division Web-Site
- Any other business



## European Geosciences Union

Division on Geosciences Instrumentation and  
Data Systems

# EGU Status 2011

### EGU2011 statistics:

No of abstracts: 12,787 (oral: 4,439 = 1/3 posters: 8,890 = 2/3)

No of registrations: 10,725 (final figure)

Open-Access Online EGU Journals: 14 + 5 special publications

New 15th Journal from June 2011:

***GI: Geoscientific Instrumentation, Methods and Data Systems***

and **GID** (the related Discussion journal)

Web site:

<http://www.geoscientific-instrumentation-methods-and-data-systems.net>



# GI Session Status 2011

No of abstracts: 305  
 oral: 119 = 39%  
 posters: 186 = 61%

GI-2 (General System Design, Image Processing and Data Infrastructures) was merged with ESSI13/GI-17 and GI-5

In 2010: 180 total  
 Oral: 56 = 31%  
 Poster: 124 = 69%

No. / Title	Scheduled Abstracts		
	Oral Programme	Poster Programme	
GI-1 Open Session on Geoscience Instrumentation	12	18	<a href="#">Abstracts</a>
GI-3 Atmospheric and meteorological instrumentation	7	13	<a href="#">Abstracts</a>
GI-4 Instrumentation, measurement strategies and methods for ocean-based geoscience investigations	10	10	<a href="#">Abstracts</a>
GI-5 Space Instrumentation, Planetary landers and Rovers	6	10	<a href="#">Abstracts</a>
GI-6 Civil Engineering Applications of Ground Penetrating Radar	6	12	<a href="#">Abstracts</a>
GI-9 From artefact to historical site : geoscience and non-invasive methods for the study and conservation of cultural heritage	13	12	<a href="#">Abstracts</a>
GI-10 Electromagnetic sensing techniques and geophysical methods for critical and transport infrastructures monitoring and diagnostics	6	15	<a href="#">Abstracts</a>
GI-11 Geophysical tomography with high-energy particles: recent developments and applications	6	7	<a href="#">Abstracts</a>
GI-12 3D Modelling in Earth Sciences	12	11	<a href="#">Abstracts</a>
GI-14 GMES Sentinel Satellites: New Possibilities for Science	7	7	<a href="#">Abstracts</a>
GI-15 Data publishing: paving the way to data-intensive science	1	14	<a href="#">Abstracts</a>
GD3.2/GI-16/SM3.9 Exploring crust and mantle under the oceans: innovative instrumentation, processing and interpretation of ocean-bottom data	6	21	<a href="#">Abstracts</a>
ESSI13/GI-17 Open standards and distributed architectures for the Observation Web: from the sensors to the user	12	7	<a href="#">Abstracts</a>
SM1.7/CR11.10/GI-18 Challenges of Polar Seismology: Logistics and technology, glacial and tectonic events	6	9	<a href="#">Abstracts</a>
SM1.3/G3.8/GD3.7/GI-19/TS8.7 Improving seismic networks performances: from site selection to data integration	9	20	<a href="#">Abstracts</a>



# GI Session Original 2011

## before session merging

No. / Title	Submitted Abstracts	
	Oral Preference	Poster Preference
<b>GI-1</b> Open Session on Geoscience Instrumentation	6	5
<b>GI-2</b> Instrument System Design, Image Processing and Data Access Network Applications	1	3
<b>GI-3</b> Atmospheric and meteorological instrumentation	9	9
<b>GI-4</b> Instrumentation, measurement strategies and methods for ocean-based geoscience investigations	12	9
<b>GI-5</b> Space Instrumentation, Planetary landers and Rovers	4	9
<b>GI-6</b> Civil Engineering Applications of Ground Penetrating Radar	10	3
<b>GI-7</b> Down-hole Instrumentation: Technology and Applications	2	2
<b>GI-8</b> Instrumentation for Polar Regions Research	5	4
<b>GI-9</b> From artefact to historical site : geoscience and non-invasive methods for the study and conservation of cultural heritage	17	10
<b>GI-10</b> Electromagnetic sensing techniques and geophysical methods for critical and transport infrastructures monitoring and diagnostics	9	12
<b>GI-11</b> Geophysical tomography with high-energy particles: recent developments and applications	11	1
<b>GI-12</b> 3D Modelling in Earth Sciences	12	10
<b>GI-13</b> Airborne campaigns for SMOS satellite CAL/VAL	6	1
<b>GI-14</b> GMES Sentinel Satellites: New Possibilities for Science	10	3
<b>GI-15</b> Data publishing: paving the way to data-intensive science	11	1
<b>GD3.2/GI-16/SM3.9</b> Exploring crust and mantle under the oceans: innovative instrumentation, processing and interpretation of ocean-bottom data	13	13
<b>ESSII3/GI-17</b> From Sensors to Interoperable Sensor Networks	7	0

<b>SM1.7/CR11.10/GI-18</b> Challenges of Polar Seismology: Logistics and technology, glacial and tectonic events	8	7
<b>SM1.3/G3.8/GD3.7/GI-19/TS8.7</b> Improving seismic networks performances: from site selection to data integration	10	20
<b>NH10.2/GI-20</b> Methods and IT-Tools Supporting Risk Assessment and Risk Management of Natural Hazards	5	5



## Medal Committee

### Christiaan Huygens Medal (GI)

Chairman: Håkan Svedhem ([hsvedhem@rssd.esa.int](mailto:hsvedhem@rssd.esa.int))

Stephan Luthi

Mike Rose

Valery Korepanov (medal 2009)

Martin Huerlimann (medal 2011)

✓ *Approved  
by council*

*Decision: approved, new member M. Hürlimann had accepted*

#### **Proposal:**

1. Each member serves about 2 years
2. New medalist becomes automatically next year's member
3. The conveners of each session propose candidates from fields not currently covered for election of 1 new additional replacement

*Decision: approved, conveners will be asked in autumn 2011 to propose candidates*



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Division on Geosciences Instrumentation and Data Systems



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## Awards & Medals

### Christiaan Huygens Medallists



2011

[Martin Hürlimann](#)



2010

[Jean-Loup Bertaux](#)



2009

[Valery Korepanov](#)



2008

[Horst Uwe Keller](#)



# Outstanding Student Poster Initiative

**Most other divisions are participating in this program.  
Should GI also join?**

**If yes:**

***Volunteers for the GI evaluation committee***

*Decision: GI's future participation in the OSP program approved.  
2 committee members will be selected and approved by e-mail poll  
during 2011*



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Division on Geosciences Instrumentation and Data Systems



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## Administration

# Election / Confirmation of Division Officers

## Geosciences Instrumentation and Data Systems

<b>President:</b>	A.-M. Harri	<a href="mailto:ari-matti.harri@fmi.fi">ari-matti.harri@fmi.fi</a>
<b>Science Officers:</b>	Bernard Celerier (Downhole Instrumentation)	<a href="mailto:Bernard.Celerier@GM.Univ-Montp2.Fr">Bernard.Celerier@GM.Univ-Montp2.Fr</a>
	Peter Falkner (Electronics and Systems)	<a href="mailto:peter.falkner@esa.int">peter.falkner@esa.int</a>
	A.-M. Harri (Harsh Environments)	<a href="mailto:ari-matti.harri@fmi.fi">ari-matti.harri@fmi.fi</a>
	Valery Korepanov (Electromagnetic and Acoustic Sounding)	<a href="mailto:vakor@isr.lviv.ua">vakor@isr.lviv.ua</a>
	Ralph D. Lorenz (Space instrumentation)	<a href="mailto:ralph.lorenz@jhuapl.edu">ralph.lorenz@jhuapl.edu</a>
	Torben Mikkelsen (Ocean and Atmosphere Instruments)	<a href="mailto:torben.mikkelsen@risoe.dk">torben.mikkelsen@risoe.dk</a>
	Lutz Richter (Robotics)	<a href="mailto:lutz.richter@dlr.de">lutz.richter@dlr.de</a>
<b>Awards &amp; Medals:</b>	Håkan Svedhem	<a href="mailto:hsvedhem@rssd.esa.int">hsvedhem@rssd.esa.int</a>
<b>PC Programme Group Chair:</b>	A.-M. Harri	<a href="mailto:ari-matti.harri@fmi.fi">ari-matti.harri@fmi.fi</a>
<b>Webmaster:</b>	Harri Haukka	<a href="mailto:harri.haukka@fmi.fi">harri.haukka@fmi.fi</a>

**New Science Officer proposed:  
"Cultural Archeological Heritage"**

**Decision: Proposal accepted.  
Elected officer: Nicola Masini  
[N.Masini@ibam.cnr.it](mailto:N.Masini@ibam.cnr.it)  
(pending final acceptance)**

**✓ Approved  
by council**





## New Journals GI and GID

### *Geoscientific Instrumentation, Methods and Data Systems*

EGU's 15th Open Access Journal

Aims and Scope:

- ❖ *Concepts, design and description of instrumentation and data systems*
- ❖ *Retrieval techniques of scientific products from measurements*
- ❖ *Major national and international field campaigns*
- ❖ *New observational strategies*
- ❖ *Networking of instruments etc*

Currently no abstract charges

- *Fast publishing as citable discussion paper (~ 1-2 weeks)*
- *Public referee process*
- *Fast publishing after referee process in refereed GI journal (~3-4 months)*

GI Journal's chief editor Jothiram (Vivek) Vivekanandan presented shortly the objectives of the new journal

*Decision: Session conveners should contact this and last year's authors and promote publishing in the new journal*



**European Geosciences Union**

Division on Geosciences Instrumentation and  
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# GI Web-page

Web-address:

<http://www.egu.eu/inside-egu/divisions-and-present-officers/division-geosciences-instrumentation-and-data-systems/home.html>

## ***Suggestions for contents?***

To Webmaster [harri.haukka@fmi.fi](mailto:harri.haukka@fmi.fi)

or to me: [walter.schmidt@fmi.fi](mailto:walter.schmidt@fmi.fi)

With subject: EGU/GI