

# Minutes of Geosciences Instrumentation & Data Systems (GI)

Division Meeting April 25, 2017

## Agenda

1. Welcome
2. Communication Activities at GA 2017
3. EGU GA 2017 status
4. GI Sessions status 2017
5. GI Journal status
6. GI Division DP Election 2017
7. Christiaan Huygens Medal
8. Division Outstanding ECS Award
9. Outstanding Student Poster and PICO (OSPP) Award
10. Early Career Scientists
11. Election / Confirmation of Division Officers
12. EGU Initiatives
13. Any other business

### 1. Welcome and EGU GA 2017 status

Division President (DP) gives his welcome and presents the agenda of the Division meeting. About thirty persons are present. The agenda of meeting is presented and approved by the attendants.

### 2. Communication Activities at GA 2017

DP advises about the communication activities during the EGU GA2017, which are carried out by means of EGU Today, blogs, social media.

### 3. EGU GA 2017 status

DP informs about the EGU GA2017, as reported on the basis of the information available on 19 April 2017, by pointing out that 17.399 papers are in programme with an increase of +7.87% with respect to EGU GA 2016.

### 4. GI Sessions status 2017

**Total: 912 abstracts (12 withdrawn) leading to + 49% with respect to EGU GA2016 and + 96 % with respect to EGU GA2015.**

**37 Sessions (35 Co-organized, 16 GI lead)**

**Oral: 245 27% distributed over 43 oral slots**

**PICO: 66 7%**

**Poster: 601 66%**

**History: 2016: 612 (31 oral slots)**

**2015: 465 (26 oral slots)**

**2014: 524 (18 oral slots)**

**2013: 435 (20 oral slots)**

**2012: 335 (14 oral slots)**

**2011: 305**

**2010: 180**

DP gives a brief overview of the subdivision of the Sessions in the different subprogrammes, and expresses satisfaction about the scientific content of GI Programme and sessions.

After, the composition of the responsables for the subprogramme is discussed and DP informs about the willing of Dr. Walter Schmidt to step down from the responsibility of GI0 subprogramme. DP asks the to the attendants if there is anyone available to have in charge this duty and Prof. Lara Pajewski expresses her willing to take in charge this task. The nomination of Lara Pajewsky to GI0 subprogramme responsible is approved without any vote against and objection. Therefore, the following table reports the present composition of the responsables of GI subprogramme

<b>Subprogramme</b>	<b>Responsible</b>
GI0- General Session on Geoscience Instrumentation	<b>Prof. Lara Pajewski</b>
GI1 – Data networks and analysis	<b>Dr. Dr. Masatoshi Yamauchi</b>
GI2 – Atmosphere and ocean monitoring, space instrumentation	<b>Dr. Vira Pronenko</b>
GI3 – Earth surface investigation methods	<b>Dr. Jean Dumoulin</b>

## **5. GI Journal status**

DP invites Chief-executive Editor of *GI-Journal Geoscientific Instrumentation, Methods and Data Systems*, Prof. Jothiram Vivekanandan (Vivek) to give a short speech about the journal status. Vivek informs about the fact that the GI journal has now an Impact Factor (1.07) and a similar IF is expected for 2017. Vivek gives a brief description of aims and scope of the GI Journal and presents the status as reported below:

*Volumes 2013, 2.1 and 2.2: 348 pages, 35 articles*

*Volumes 2014, 3.1 and 3.2: 254 pages, 21 article*

*Volumes 2015, 4.1 and 4.2: 226 pages, 22 articles*

*Volumes 2016, 5.1 and 5.2: 581 pages, 47 articles*

*Volumes 2017, 6.1: 207 pages, 17 articles (APRIL 2017)*

*GIJ: papers in open discussion: about 20*

Special issues:

2012: High energy geophysics: muon and neutrino radiography

2013: Calibration methods and results of the in-situ experiments on Cluster and Double Star

2015. Multi-disciplinary research and integrated monitoring at the Sodankylä research station: from sub-surface to upper atmosphere processes,

2015 Observations and Modeling of the Green Ocean Amazon (GoAmazon2014/5)

2017 THE Earth's magnetic field: measurements, data, and applications from ground observations (ANGEOS/GI inter-journal SI)

Abstracted/indexed Science Citation Index, Current Contents/PCE, ADS, Chemical Abstracts CLOCKSS CNKI DOAJ EBSCO Gale/Cengage GeoRef GoOA (CAS) Google Scholar J-Gate Portico ProQuest World Public Library

According to the same action decided during the EGU GA2016 Division meeting, DP asks to GI conveners to select 1-2 (3 in exceptional cases) most promising (high impact) presentations that could be relevant to the submission to GI Journal. The selection outcomes will be after communicated to Vivek, which will solicit the selected authors to submit. The proposal is agreed by the participants.

Finally, there is a discussion among the attendants in order to put on field actions to improve the visibility of the Journal, the possibility of Special Issues is identified as the main action.

## **6. GI Division DP Election 2017**

DP advises that a new election of the Division presidents is expected in Autumn 2017, according to the change of by laws of the EGU. The main recommendations/rules are provided below.

- Elections in autumn 2017 with at least 2 candidates
- The elected person will become incoming division deputy president at the GA 2018 and division president at the GA 2019
- These divisions have an appointed deputy president for the period from GA 2017 to GA 2018 (who needs to be approved by the Division meeting of the GA 2017).

DP solicits the candidature for the 2017 GI Division president; Prof. Lara Pajewski and Dr. Jean Dumoulin expresses their interest to be candidate. DP thanks them for the availability and at the same time points out that also other persons can express candidature after the GA Assembly.

DR. Vira Pronenko is confirmed as deputy present till EGU GA 2018.

## **7. Christiaan Huygens Medal**

*Award 2017*

DP advises about the Christiaan Huygens Medal Lecture "Radar interferometry from space for surface deformation investigation: 25 years of developments and observations", which was held by Riccardo Lanari (Christiaan Huygens Medal Award recipient for 2017). The Medal Award ceremony was held just before the Medal Lecture expected on Tue, 25 Apr, 10:30–11:30.

DP illustrates the modalities for the application to the Division Medal Award and solicits all the attendants to consider the possibility to apply.

### *Medal Committee Composition*

DP states that at least one member of the Medal Committee should be replaced each year. DP informs that Dr. Walters Schmidt has decided to step down from the chairing of the medal committee composition. He asks the attendants about the willingness to have in charge this role and Prof. Lara Pajewski expresses her interest. After a discussion, the new composition of the Christiaan Huygens Medal committee 2017/2018 is decided as follows:

Chairman: Lara Pajewski (ground penetrating radar)

Members:

Günther Kargl (space instrumentation)

Riccardo Lanari (synthetic aperture radar)

Kristine Larson (GPS data processing and modeling)

Karl Schreiber (laser gyroscopes)

The Christiaan Huygens Medal committee has been approved by EGU Council during the meeting of April 28, 2017.

## **8. Division Outstanding ECS Awards**

DP informs that GI Division Outstanding Early Career Scientists Award 2017 has been awarded to Dr. Fabio Tosti. Fabio Tosti has given the GI Division Outstanding ECS Award Lecture “The Application of Ground-Penetrating Radar to Transportation Engineering: Recent Advances and New Perspectives”, during the oral GI3.1 session on April 24, 2017.

After, DP gives a brief overview of the application procedures.

## **9. Outstanding Student Poster and Pico (OSPP) Award**

Misha Krassovski (e-mail: [krassovskimb@ornl.gov](mailto:krassovskimb@ornl.gov)) was confirmed by acclamation as GI-OSPP Coordinator. DP informs there are 23 candidates from GI Sessions for this year.

DP announces that 2016 Outstanding Student Poster and Pico (OSPP) Award is awarded to Dr. Stefan Meyer for the poster entitled “*Mass spectrometry of planetary exospheres at high relative velocity: direct comparison of open- and closed source measurements*”.

Finally, DP gives a brief overview of the application procedures.

## **10. Early Career Scientists**

Division DP proposes the confirmation of Dr. Fabio Tosti as GI ECS Representative and the attendants accept this proposal.

## **11. Election / Confirmation of Division Officers**

DP raises the necessity to revise the current composition of Scientific Officers, which are confirmed at this stage. The attendants agree with this proposal and give mandate to DP to put on field the necessary actions.

## **12. EGU Initiatives**

Division DP informed about the

GI WEBSITE

Meetings calendar

Co-sponsoring activities

Jobs

Finally, DP advise about the GA2017 survey; the survey will be carried out through the form available at [www.egu2017.eu/feedback](http://www.egu2017.eu/feedback).

## **13. AOB**

No AOB.