

Minutes of IAGA WG I.2 Business Meeting of 23rd September 2010

Cataracts Pyramid Resort, Giza, Egypt
23rd September 2010, 11:40 – 13:00

Attendance: Y. Ogawa (chair), more than 100 WG members

1. New Working Group Committee Members and Functions

The chair showed the updated list of WGC members and their functions.

MEMBERS

Yasuo Ogawa *Chair* Japan 2008 – 2012
Ian Ferguson *Co-Chair* Canada 2008 - 2012 (future chair: 2012-2016)
Nick Palshin *Publication Coordinator* Russia 2004 – 2012 (future co-chair: 2012-2016)
Denghai Bai *PC*, China 2004 – 2012
Juanjo Ledo Spain 2004 – 2012 (absent)
Gad El Qady *PC*, Egypt 2008 – 2016
Graham Heinson *PC*, Australia 2008 – 2016
Gary Egbert *Fund-raising Coordinator* U.S.A. 2008 – 2016
Ute Weckman *Treasurer* Germany 2008 – 2016
K. Veeraswamy *PC*, India 2008 – 2016
Sergio Fontes *PC*, Brazil 2010 – 2018
Svetlana Kováčiková *PC*, Czech Republic 2010 – 2018

OBSERVERS

Andreas Junge *Past Chair*, Germany 2008 -2012
El Said Ahmed, *LOC past Chair*, workshop (2010), Egypt, 2006–2012
Graham Heinson, *Chair*, *LOC next workshop* (2012), Australia, 2008 –2014
Oliver Ritter, *Chair*, *LOC subsequent workshop* (2014), Germany, 2010 –2016
George Jiracek, *Fund-raising Co-coordinator*, U.S.A., 2008–2012
T. Harinarayana, *IAGA EC liaison*, India, 2008-2012

The chair noted that U. Weckman had agreed to continue as Treasurer, G. Egbert to continue as fundraising coordinator and N. Palshin to continue as publications coordinator.

The chair noted that the terms of several members would be coming to an end at the Darwin workshop (Y. Ogawa, Denghai Bai, and Juanjo Ledo) and that the WG members should start thinking about replacements.

2. 21st EMIW Darwin

Representing G. Heinson who was unable to attend, K. Selway and S. Thiel provided an update on the Darwin workshop including the timing (July 22nd-28th 2012), place, pre-workshop, and general arrangements. S. Evans provided musical support on didgeridoo.

A number of points were raised in the following discussion.

- It was noted that there was a week's gap between the end of the EMIW and the start of the IGC. It was explained that this may be because of pre-IGC trips and that it may allow time for an EMIW post-workshop.
- It was noted that workshop dinner should be integrated within the registration cost.

- A question was asked about the accompanying persons program. It was explained that this would be arranged in response to the number of registrants and that Darwin was a safe and easy place to make tour arrangements.

The chair noted that the Darwin LOC would be chaired by Graham Heinson and listed potential additional members: Graham Heinson (Adelaide) LOC-chair, Jim Macnae (RMIT), Jim Cull (Monash), Mike Dentith (UWA), Steven Constable (Scripps), Andrew Lockwood (Woodside), Ian Scrimgeour (NTGS), Michaela Heinson, Stephan Thiel, Kate Selway, Bing Zhou, Goran Boren, Jared Peacock, Aixa Rivera-Rios, Kent Inverarity (Adelaide)

The Darwin FSC would be chaired by U. Weckman and would include the following members: Ute Weckman, FSC chair, Graham Heinson, Yasuo Ogawa, Ian Ferguson, Gary Egbert, Egypt LOC representative, O. Ritter, Darwin LOC Treasurer (non-voting), G. Jiracek (non-voting).

The Darwin PC would be chaired by Y. Ogawa and co-chaired by G. Heinson would include the following listed members: Yasuo Ogawa, chair, Graham Heinson, co-chair, Ian Ferguson, N. Palshin, Denghai Bai, Gad El Qady, K. Veeraswamy, Sergio Fontes, Svetlana Kováčiková, M. Becken. The chair indicated that more volunteers would be welcome.

3. Upcoming meetings

(a) IUGG 2011, Melbourne Australia, June 28th - July 7th 2011

The chair noted the sessions initiated by the EM working group.

J-A01 Fluids in the crust and mantle: Geodynamic and seismological consequences - geophysical and geological constraints

- *Organizer: IAGA, IASPEI, IAVCEI*
- *Conveners: G. Caldwell (New Zealand)-IAGA, Yoshihisa Iio (Japan)-IASPEI, Stephen F. Cox (Australia)-IAVCEI, Yasuo Ogawa (Japan)-IAGA*

A02.1 Recent Advances in Electromagnetic Induction: Modelling and inversion

- *Organizer: IAGA Div I*
- *Conveners Gary Egbert (United States), Ian Ferguson (Canada), Graham Hill (New Zealand)*

A02.2 Electromagnetic imaging from the near-surface, lithosphere-asthenosphere, to the core: results and interpretations

- *Organizer: IAGA Div I*
- *Conveners: Malcolm Ingham (New Zealand), Claudia M. Sainato (Argentina), Kate Selway (Australia), K. Veeraswamy(India), E. Sokolova (Russia)*

He noted that the following sessions will be of interest to the EM working group.

U-03 Recent progress in the studies of the Earth's deep interior

U-04: Progress and perspectives in studies of the continental lithosphere

J-S03: Scientific results from seafloor networks

J-S04: Physics and chemistry of Earth materials with implications for Earth structure and processes

J-S05: The Davies mantle: reconciling geophysical and geochemical perspectives

J-S09: Electromagnetic studies of earthquakes, active faulting and tsunamis

J-S10: Electromagnetic studies of active processes using space technology

J-S11: Imaging and monitoring active volcanoes and geothermal fields by electromagnetic (EM) and other geophysical techniques

J-S12: Towards short-term earthquake prediction - Electromagnetic and other possible precursors and their generation mechanisms

(b) 3DEM – 5, Sapporo, Japan, October 7th-9th, 2011.

T. Uchida provided an overview of this workshop (advertisement is attached).

(c) MARELEC 2011, San Diego, United States, June 20th -23rd 2011

S. Constable provided an overview of this workshop (advertisement is attached). He noted that it provided a infrequent opportunity to interface with the military marine EM community. He also noted that there would be an increased emphasis on academic studies and on supporting student attendance at the coming conference.

4. Publications

The publications coordinator N. Palshin, noted that the Chinese Journal of Geophysics special edition from the Beijing EMIW was published. He noted that things were well organized for the special edition of Surveys in Geophysics for the present workshop and that T. Korja, N. Palshin and G. El Qady had agreed to be editors. He noted that any additional special volumes would be the responsibility of those suggesting them and not of the WGC. Finally, he noted that a guideline would be prepared for reviewers at future workshops.

5. Awards for young scientists

There was a discussion of the merits of award for young scientists at the EMIW. The following points were made in the discussion:

- Awards for students from the electromagnetic induction area would make them more competitive with students in other sub-disciplines in competitions for employment and other awards.
- A number of people described the positive impact of awards on their careers.
- The award itself rather than its financial value would be the most important aspect.
- Workshop or conference awards are difficult to judge objectively especially considering different backgrounds of students, different degrees of input from supervisors, oral versus poster presentations, etc.
- An award would be inconsistent with the “workshop atmosphere” of the meeting. The present interaction of senior scientists and students and invitations to give oral presentations and reviews are themselves awards.
- It may be appropriate for students to decide on the winner of a student award.
- Another type of award, e g., for a junior scientist based on their thesis or publications, could be easier to judge and a more appropriate award to consider.

No consensus was reached by the end of the discussion.

6. Other Business

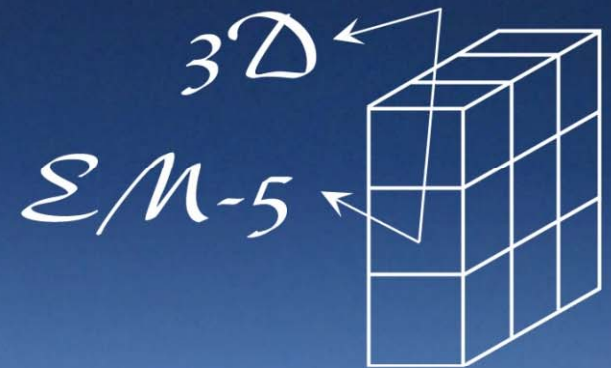
None

5th International Symposium on Three-Dimensional Electromagnetics

3DEM-5

October 7-9, 2011

Hokkaido University Conference Hall,
Sapporo, Japan



<http://www.segj.org/3dem5>

Co-Organizers:

- Gerald W. Hohmann Memorial Trust
- Institute for Geo-Resources and Environment, AIST
- Institute of Seismology and Volcanology, Hokkaido University

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- The Society of Exploration Geophysicists of Japan (SEGJ)





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