



**Contents**

**General Announcements..... 2**

Publication of the IUGG Melbourne proceedings in the IAG Symposia series ..... 2

Results of ICAG 2005 have been published..... 3

Call for Participation for the "Global Geodetic Core Network: Foundation for Monitoring Earth System" ..... 3

**Meeting Announcements ..... 4**

**IAG Sponsored Meetings ..... 4**

Joint International Symposium on Deformation Monitoring.....4

**IAG Related Meetings ..... 4**

ISPRS - PIA11 Photogrammetric Images Analysis.....4

IRI Workshop 2011 .....4

5<sup>th</sup> Coastal Altimetry Workshop.....4

SX5 - Scientific Service Support Based on Galileo E5 Receivers.....4

OSTST Meeting.....4

ACM SIGSPATIAL GIS 2011 .....5

Modern Technologies, Education & Professional Practice in Geodesy and Related Fields.....5

10th International E-VLBI Workshop .....5

UGI 2011 Regional Geographic Conference.....5

Growth and competitiveness using satellite applications – practical approaches for non-space SMEs .....5

AGU Fall Meeting.....5

2<sup>nd</sup> International School on Least Squares Approach to Modeling the Geoid .....5

European Geosciences Union General Assembly 2012.....5

10th International Conference on Southern Hemisphere Meteorology and Oceanography.....5

4th International Conference on Cartography and GIS.....5

**IAG Sister Societies' Meetings ..... 5**

ESC 2012.....5

Joint IAMAS-IACS Assembly .....5

Joint IAHS-IAPSO-IASPEI Scientific Assembly .....6

12th IAGA Scientific Assembly.....6

The *IAG Newsletter* is under the editorial responsibility of the *Communication and Outreach Branch (COB)* of the IAG.

It is an open forum and contributors are welcome to send material (preferably in electronic form) to the IAG COB ([newsletter@iag-aig.org](mailto:newsletter@iag-aig.org)). These contributions should complement information sent by IAG officials or by IAG symposia organizers (reports and announcements). The *IAG Newsletter* is published monthly. It is available in different formats from the IAG new internet site: <http://www.iag-aig.org>

Each *IAG Newsletter* includes several of the following topics:

- I. news from the Bureau Members
- II. general information
- III. reports of IAG symposia
- IV. reports by commissions, special commissions or study groups
- V. symposia announcements
- VI. book reviews
- VII. fast bibliography

Books for review are the responsibility of:

C.C Tscherning  
University of Copenhagen  
Dept. of Geophysics  
Copenhagen, Denmark  
Fax: +45 35365357  
E-mail: [cct@gfy.ku.dk](mailto:cct@gfy.ku.dk)

## General Announcements

### *Publication of the IUGG Melbourne proceedings in the IAG Symposia series*

Following the IUGG General Assembly in Melbourne, a volume of peer-reviewed proceedings will be published by Springer in the IAG Symposia series. This time, all submissions and all reviews will be handled electronically through the following Web site: <http://iags.edmgr.com/>

Deadline for submission is: **January 31, 2012**

Articles related to an oral or a poster presentation in any of the following symposia in Melbourne can be submitted and the peer-reviewed process will be handled by their respective editors:

- JG01: Space Geodesy-based Atmospheric Remote Sensing as a Synergistic Link between Geodesy and Meteorology  
Marcelo Santos <msantos@unb.ca>, Jens Wickert <wickert@gfz-potsdam.de>
- JG02: Application of Geodetic Techniques in Cryospheric Studies  
Reinhard Dietrich <dietrich@ipg.geo.tu-dresden.de>, Matt King <M.A.King@newcastle.ac.uk>
- JG03: History of Geosciences from Terrestrial to Spaceborne Observations  
Jozsef Adam <jadam@sci.fgt.bme.hu>
- JG04: Structure and Deformation of Plate Interiors  
John Dawson <john.dawson@ga.gov.au>
- JG05: Integrated Earth Observing Systems  
Markus Rothacher <markus.rothacher@ethz.ch>
- JG06: Tectonic Geodesy and Earthquakes  
Jeff Freymueller <jeff.freymueller@gi.alaska.edu>
- G01: Reference Frames from Regional to Global Scales  
Zuheir Altamimi <zuheir.altamimi@ign.fr>, Athanasios Dermanis <dermanis@topo.auth.gr>, Joao Agria Torres <jatorres@iol.pt>
- G02: Monitoring and Modelling of Mass Distribution and Mass Displacements by Geodetic Methods  
Yoichi Fukuda <fukuda@kugi.kyoto-u.ac.jp>, Richard Gross <richard.gross@jpl.nasa.gov>, Frank Lemoine <Frank.G.Lemoine@nasa.gov>, Nico Sneeuw <sneeuw@gis.uni-stuttgart.de>, Herbert Wilmes <herbert.wilmes@bkg.bund.de>
- G03: Monitoring and Modelling Earth Rotation  
Richard Gross <richard.gross@jpl.nasa.gov>, Harald Schuh <harald.schuh@tuwien.ac.at>, Oleg Titov <oleg.titov@ga.gov.au>
- G04: Multisensor Systems for Engineering Geodesy  
Dorota Brzezinska <dbrzezinska@osu.edu>, Hansjörg Kutterer <hansjoerg.kutterer@bkg.bund.de>
- G05: Geodetic Imaging Techniques  
Sandra Verhagen <a.a.verhagen@tudelft.nl>, Xiaoli Ding <lsxlding@polyu.edu.hk>
- G06: Towards a Unified World Height System  
Johannes Ihde <johannes.ihde@bkg.bund.de>, Matt Higgins <matt.higgins@derm.qld.gov.au>, Laura Sanchez <sanchez@dgfi.badw.de>
- G07: High Precision GNSS  
Ruth Neilan <ruth.e.neilan@jpl.nasa.gov>, Urs Hugentobler <urs.hugentobler@bv.tu-muenchen.de>, Mikael Lilje <mikael.lilje@lm.se>



Specifications to authors are provided on the submission Web site. In particular :

- LATEX and Word submissions are accepted, as well as several other formats.
- manuscripts do not need to be submitted in the final format for publication.
- general contributions are limited to 6 pages, while invited abstracts in Melbourne are limited to 8 pages (a specific formula to estimate the length of the manuscript is provided on the Web site).

Accepted manuscripts will appear online on the Springer Web site for the IAG Symp. series (<http://www.springer.com/series/1345>) and will be published in print in a single volume related to the Melbourne presentations.

Authors are encouraged to contact their respective editor before submission and will be regularly informed on the review and publication process.

CHRIS RIZOS (Editor)  
PASCAL WILLIS (assistant Editor-in-Chief)

### *Results of ICAG 2005 have been published*

The results of the International Campaign of Absolute Gravimeters 2005 (ICAG 2005) have been published in *Metrologia* and can be downloaded from <http://www.bipm.org/en/metrologia/>:

- Final report on the Seventh International Comparison of Absolute Gravimeters (ICAG 2005), Jiang et al., [Metrologia, 2011, 48, n°5, 246-260](#)

The article containing the results of the relative campaign of absolute gravimeters 2009, supporting ICAG 2009 has been submitted to *Metrologia* and will most probably be published before the end of 2011.

FELICITAS ARIAS  
Director, Time Department  
BIPM

### *Call for Participation for the "Global Geodetic Core Network: Foundation for Monitoring Earth System"*

Dear Colleagues:

The Call for Participation for the "Global Geodetic Core Network: Foundation for Monitoring Earth System" is available [here](#).

The Global Geodetic Observing System (GGOS) is soliciting proposals for the Core Network Sites to define and improve the Terrestrial Reference Frame and provide essential data for other space geodesy requirements.

We seek proposals from organizations that would participate in the development, implementation and maintenance of the GGOS Global Geodetic Core Network. We seek proposals from:

1. Organizations that currently operate a space geodetic site and would implement and operate one or more core sites including:
  - a. existing sites that already have the four techniques implemented and plan for upgrade to the next generation systems;
  - b. existing sites that have one or more techniques operational and are planning for upgrade to the next generation systems and for the implementation of additional techniques;
2. Organizations that would actively participate with the GGOS Bureau for Networks and Communications in the network design and planning activity with analysis, simulations, and site research (geology, weather, logistics, personnel, etc);
3. Organization that would help design and develop the inter-technique vector systems and operational procedures;

4. Organizations that have no operational space geodetic systems, but would implement and operate core sites;
5. Organizations that have space geodetic instruments or are developing space geodetic instruments which they are willing to relocate to a GGOS Global Geodetic Core Site in cooperation with a local organization.

Many of the sites will require cooperative arrangements to fulfill the core network site requirements (site, logistics, communications, full systems, hardware components, etc.). We encourage preformed teams to propose to implement/upgrade and operate these sites.

The implementation of this network will be very challenging. We encourage as many organizations as possible to participate.

Proposals are short and are due by **November 15, 2011**.

If you have any questions, please contact me at [mpearlman@cfa.harvard.edu](mailto:mpearlman@cfa.harvard.edu)

With best regards,

MIKE PEARLMAN  
Director, GGOS Bureau for Networks and Communications

## Meeting Announcements

### *IAG Sponsored Meetings*

#### *Joint International Symposium on Deformation Monitoring*

*November 2-4, 2011, Hong Kong, China*

URL: <http://dma.lsgj.polyu.edu.hk/>

### *IAG Related Meetings*

#### *ISPRS - PIA11 Photogrammetric Images Analysis*

*October 5-7, 2011, Munich, Germany*

URL: <http://www.pia11.tum.de/>

#### *IRI Workshop 2011*

*October 10-14, 2011, Hermanus, South Africa*

URL: <http://iri2011.hmo.ac.za/>

#### *5<sup>th</sup> Coastal Altimetry Workshop*

*October 16-18, 2011, San Diego, USA*

URL: <http://www.coastalaltimetry.org/>

#### *SX5 - Scientific Service Support Based on Galileo E5 Receivers*

*October 18, 2011, Neubiberg/Munich, Germany*

URL: <http://ifen.bauv.unibw.de/sx5/workshop.html>

#### *OSTST Meeting*

*October 19-21, 2011, San Diego, USA*

URL: <http://www.aviso.oceanobs.com/en/courses/sci-teams/index.html>

ACM SIGSPATIAL GIS 2011

November 1-4, 2011, Chicago, IL, USA

URL: <http://acmgis2011.cs.umn.edu/>

Modern Technologies, Education & Professional Practice in Geodesy and Related Fields

November 10-11, 2011, Sofia, Bulgaria

Contact: [milev@bas.bg](mailto:milev@bas.bg)

10th International E-VLBI Workshop

November 13-16, 2011, Broederstroom, South Africa

URL: <http://www.hartrao.ac.za/e-vlbi2011/e-vlbi2011.html>

UGI 2011 Regional Geographic Conference

November 14-18, 2011, Santiago, Chile

URL: <http://www.ugi2011.cl/>

Growth and competitiveness using satellite applications – practical approaches for non-space SMEs

November 23, 2011, Warsaw, Poland

This conference will inform SMEs from sectors other than space of how using satellite applications helps innovate in business practices and gain a competitive advantage.

URL: <http://www.eurisy.org/index.php/activities/sme/event/item/129-eurisy-conference.html>

AGU Fall Meeting

December 5-9, 2011, San Francisco, USA

URL: <http://www.agu.org/meetings/>

2<sup>nd</sup> International School on Least Squares Approach to Modeling the Geoid

February 27- March 2, 2012, Johor Bahru, Malaysia

Theoretical lectures in the mornings are followed by practical computer exercises in the afternoons.

URL: <http://www.infra.kth.se/geo/events/IGS-2012.pdf>

European Geosciences Union General Assembly 2012

April 22-27, 2012, Vienna, Austria

URL: <http://meetings.copernicus.org/egu2012/>

10th International Conference on Southern Hemisphere Meteorology and Oceanography

April 23-27, 2012, Noumea, New-Caledonia

URL: <http://www.colloque.ird.fr/icshmo-2012>

4th International Conference on Cartography and GIS

June 18-22, 2012, Albena Summer Resort, Bulgaria

URL: <http://www.cartography-gis.com/4thConference/Index.html>

**IAG Sister Societies' Meetings**

ESC 2012

August 19-24, 2012, Moscow, Russia

European Seismological Commission 33<sup>rd</sup> General Assembly

URL: [www.esc2012-moscow.org](http://www.esc2012-moscow.org)

Joint IAMAS-IACS Assembly

July 8-12, 2013, Davos, Switzerland

Davos Atmosphere and Cryosphere Assembly 2013, Ice & Air – Process Interactions

URL: [www.daca-13.org](http://www.daca-13.org)

Joint IAHS-IAPSO-IASPEI Scientific Assembly

*July 22-26, 2013, Gothenburg, Sweden*

URL: <http://www.iaspei.org/meetings/forthcoming.html#iaspei2013>

12th IAGA Scientific Assembly

*August 26-31, 2013, Mérida, Mexico*

URL: [www.iaga2013.org.mx](http://www.iaga2013.org.mx)