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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). 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:

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E-mail: <u>cct@gfy.ku.dk</u>

General Announcements

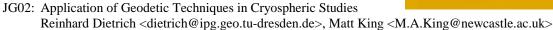
Publication of the IUGG Melbourne proceedings in the IAG Symposia series

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

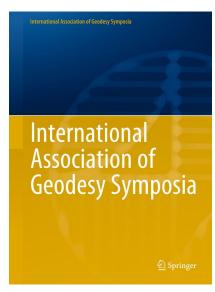
Articles related to an oral or a poster presentation in any of the following symposia in Melbourne can be submitted and the peer-reviewed process will be handled by their respective editors:

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>



- 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 Shuh <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 of 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

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.lsgi.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/

5th 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

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/

2nd 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 33rd General Assembly

URL: 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

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