



**International
Association of
Geodesy**
Newsletter

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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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General Announcements

REVISED ABSTRACT SUBMISSION DATES for IUGG 2011, Melbourne Australia

IUGG General Assembly 28 June - 07 July 2011

- **Deadline for submission of abstracts: February 1, 2011**
(see <http://www.iugg2011.com/program.asp>)

HERMANN DREWES
IAG Secretary General

Vacant position at Astronomical Institute, Faculty of Science, University of Bern

Applications are invited for a full professorship in Fundamental Astronomy/Space Geodesy including the Directorate of the Astronomical Institute,

opening August, 1, 2011, at the Astronomical Institute, University of Bern, Switzerland (<http://www.aiub.unibe.ch>). Candidates should have a strong research record in fundamental astronomy, e.g., **space geodesy** and **astrodynamics** in the broadest sense. Current research activities of the institute include space geodesy using GNSS and satellite laser ranging, gravity field determination and optical surveys for natural and artificial bodies in the solar system. Future research might be extended towards the study of the orbital and rotational motion of planets including their natural and artificial satellites, and to other planetary system bodies such as asteroids, and comets. The institute develops and operates the Zimmerwald Observatory. The successful candidate is expected to direct the institute's research activities, to attract external funding, and to actively participate in the teaching and supervision of Bachelor and Master students, as well as Ph.D. students.

The University of Bern particularly encourages women to apply for this position.

Applications including a curriculum vitae, a publication list, copies of the five most important publications, a brief outline of past and future research, and a list of external funds raised, should be sent either as a hard copy to Prof. S. Decurtins, Dean of the Faculty of Science, University of Bern, Sidlerstrasse 5. CH-3012 Bern, Switzerland, or as a single PDF-file via e-mail to: dekan@natdek.unibe.ch, by **31 January 2011**.

IUGG Nominating Committee names the candidates for the IUGG Bureau and Finance Committee

On 27 October 2010 the IUGG Nominating Committee selected the candidates named in the list for consideration for the election of the IUGG officers at the XXV IUGG General Assembly in Melbourne, Australia.

President:

Harsh Gupta (India, IASPEI)

Vice-President:

David Jackson (USA, IASPEI)

Michael Sideris (Canada, IAG)

Guoxiong Wu (China, IAMAS)

Treasurer:

Aksel W. Hansen (Denmark, IAMAS)

Bureau Members (Positions #1, #2, and #3):

Isabelle Jane Ansoorge (South Africa, IAPSO)

Jaime Urrutia Fucugauchi (Mexico, IAGA)

Pierre Hubert (France, IAHS)

Kenji Satake (Japan, IAPSO/IASPEI)

Finance Committee:

Position #1:

Zoltan Hajnal (Canada, IASPEI)

Position #2:

David Rhoades (New Zealand, IASPEI)

Positions #3 and #4:

David Collins (United Kingdom, IACS/IAHS)

Jan Krynski (Poland, IAG)

Juan Vilas (Argentina, IAGA)

The Committee was fortunate that many excellent candidates were nominated, so in developing the list the Committee paid great attention to attaining a good disciplinary and geographical balance. The Report of the Nomination Committee together with the Curriculum Vitae of the candidates is posted on the IUGG web site (http://www.iugg.org/nominations/NominCommRep_CVs.pdf).

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Congratulations to the two IAG members: **Michael G. Sideris** as Vice-President candidate and **Jan Krynski** as Finance Committee Member candidate.

IAG COMMUNICATION AND OUTREACH BRANCH

Meeting Announcements



2011 IAG General Assembly

at IUGG2011: "Earth on the Edge: Science for a Sustainable Planet"

Melbourne Convention and Exhibition Centre, Australia

28th June – 7th July, 2011

- Early Bird Registration Deadline 11 April 2011
- Standard Registration Deadline 24 June 2011
- **Deadline for submission of abstracts: February 1, 2011**
- Conference website now open: <http://www.iugg2011.com>
- Scientific program of symposia, workshops, fieldtrips, symposia convenors, plenary and keynote speakers already available on website

The IAG Scientific Program consists of the following program of symposia:

IAG ONLY SYMPOSIA (see website www.iugg2011.com under Scientific Program for symposia descriptions, convenors names and Keynote Speakers)

- G01** Reference Frames from Regional to Global Scales
- G02** Monitoring and Modelling of Mass Displacements by Geodetic Methods
- G03** Monitoring and Modelling Earth Rotation
- G04** Multisensor Systems for Engineering Geodesy
- G05** Geodetic Imaging Techniques
- G06** Towards a Unified World Height System

G07 High Precision GNSS

IAG - JOINT ASSOCIATION SYMPOSIA (see website www.iugg2011.com under Scientific Program for symposia descriptions, convenors names and Keynote Speakers)

J-G01 Space Geodesy-based Atmospheric Remote Sensing as a Synergistic Link between Geodesy and Meteorology

J-G02 Application of Geodetic Techniques in Cryospheric Studies

J-G03 History of Geosciences from Terrestrial to Spaceborne Observations

J-G04 Structure and Deformation of Plate Interiors

J-G05 Integrated Earth Observing Systems

J-G06 Tectonic Geodesy and Earthquakes

The theme for **the** IUGG2011 conference at large is “*Earth on the Edge: Science for a Sustainable Planet*”. IUGG2011 will be the largest multi-disciplinary geophysical meeting to be held in Australia, and in excess of 3,000 delegates are expected to attend. In addition to the IAG specific program outlined above, the scientific program will address many of the environmental, sustainability and hazard issues facing the Earth, including climate change, extreme weather events, melting glaciers and ice-caps, rising sea-levels, water in arid countries, earthquake hazards and tsunamis, and volcanic hazards, processes and natural resources. It should thus be a fantastically stimulating conference.

The conference website is at <http://www.iugg2011.com>, with information about the conference, the scientific program of symposia, workshops and fieldtrips, and listings of the symposia convenors and Keynote Speakers. On-line registration for the conference opened on the website on 16th August, as well as for fieldtrips, social touring, and accommodation.

The deadline for abstract submission is February 1, 2011.

The Organising Committee of IUGG2011 looks forward to welcoming the international volcanology and geoscience community to the 2011 IAG and IUGG General Assembly in Melbourne.

RAY CAS

Chair, Joint Australia and New Zealand Organising Committee IUGG2011

2nd GIA Modeling Training School, Gävle, Sweden, 13-17th June 2011

The main objective of this Training School is to give early-stage researchers whose principal area of expertise is not in GIA modeling an intensive training on numerical GIA modeling. The training will not be limited to the solid-earth deformation process of GIA only, but will also involve glaciological modeling of the disappearing Late-Pleistocene ice sheets on the one hand and GIA-induced sea-level change on the other hand. The School is sponsored by COST Action ES0701 and further information may be found at <http://tinyurl.com/2f6k2xu>. Application deadline is **March 1, 2011**.

MATT KING

School of Civil Engineering and Geosciences
Newcastle University

IAG Sponsored Meetings

17th International Workshop on Laser Ranging and 23rd General Assembly of the International Laser Ranging Service

May 15-20, 2011, Bad Kötzing, Germany

URL: <http://www.fs.wetzell.de/veranstaltungen/slr/17thlaserworkshop/index.html>

EUREF 2011 Symposium

May 25-28, 2011, Chisinau, Republic of Moldova

URL: <http://www.euref-iag.net/>

XXV IUGG General Assembly

June 27 – July 8, 2011, Melbourne, Australia

URL: <http://www.iugg2011.com/>

2011 IAG General Assembly

*at IUGG2011: “ Earth on the Edge: Science for a Sustainable Planet”
Melbourne Convention and Exhibition Centre, Australia
June 28 – July 7, 2011*

The next IAG General Assembly will be held as part of the major IUGG2011 international conference at the new Melbourne Convention and Exhibition Centre from 28th June to 7th July, 2011. IUGG (or the International Union for Geodesy and Geophysics) is a collaborative grouping of eight scientific learned societies or associations. The conference website is now open at <http://www.iugg2011.com>. On-line registration for the conference opened on the website on 16th August.

IAG Related Meetings

Cryosat Validation Workshop

February 1-3, 2011, Frascati, Italy
URL: <http://www.cryosat2011.org/>

GEOProcessing 2011

February 23-28, 2011 - Gosier, Guadeloupe, France
The Third International Conference on Advanced Geographic Information Systems, Applications, and Services. The abstract submission deadline has been extended to October 15, 2010
URL: <http://www.iaria.org/conferences2011/GEOProcessing11.html>

SARAL/AltiKa Science Workshop

March 15-17, 2011, Ahmedabab, India
Contact: [Franck Mercier](mailto:Franck.Mercier@cea.fr)

20th EVGA Meeting & 12th Analysis Workshop

March 29-31, 2011, Bonn, Germany
The scope of the 20th Meeting of EVGA covers all aspects of geodetic and astrometric VLBI including hardware, correlation, analysis and results both scientifically and technologically while the 12th IVS Analysis Workshop is devoted purely to discussions of the operational aspects of data analysis in the framework of IVS.
URL: <http://www.mpifr-bonn.mpg.de/div/meetings/20thEVGA/index.html>

ESA 4th GOCE User Workshop

March 31- April 1, 2011, TUM Munich, Germany
The European Space Agency (ESA) is organising the 4th in a series of International GOCE User Workshops from 31 March to 1 April 2011 at the Technische Universität München (TUM), Germany. It is intended to provide potential users of GOCE data products with the opportunity to obtain the latest information on satellite performance as well as details regarding ground segment operations, data products and user services. It will allow users to learn about product content and quality and the outcome of the data calibration and validation. This Workshop is seeking the presentation of new results based on GOCE data in all application areas. Two months prior to the Workshop, the European Space Agency will release the second generation gravity field solutions based on GOCE data.
URL: <http://www.goce2011.org/>

EGU General Assembly 2011

April 3-8, 2011, Vienna, Austria
URL: <http://meetings.copernicus.org/>

JURSE 2011 - Joint Urban Remote Sensing Event (URBAN 2011 + URS 2011)

April 11-13, 2011, Munich, Germany
Contact: jurse2011@bv.tum.de

1st International Workshop on The Quality of Geodetic Observation and Monitoring Systems

April 13-15, 2011, Garching/Munich, Germany

URL: <http://www.gih.uni-hannover.de/qugoms2011>

Third Conference on Earth Observation for Global Changes (EOGC2011)

April 13-15, 2011, Munich, Germany

URL: <http://www.pf.bv.tum.de/eogc2011/>

SPACOMM 2011

April 17-22, 2011, Budapest, Hungary

The Third International Conference on Advances in Satellite and Space Communications

URL: <http://www.iaria.org/conferences2011/SPACOMM11.html>

Geoinformation for Disaster Management (Gi4DM)

May 3-8, 2011, Antalya, Turkey

URL: <http://www.gi4dm2011.org/>

Global Space and Satellite Forum (GSSF)

May 9-11, 2011, ADNEC Abu Dhabi, UAE

URL: <http://www.gssforum.com/>

FIG Working Week 2011

May 18-22, 2011, Marrakech, Morocco

URL: <http://www.fig.net/fig2011/>

7th International Symposium on Mobile Mapping Technology

June 13-16, 2011, Krakow, Poland

The Symposium MMT' 2011 will be held on 13 – 16 June 2011, in the Sheraton hotel Cracow, Poland. We strongly invite and encourage all professionals, researchers and academics, business and industry partners, students to participate in this important event. Science Chair: Dorota Grejner-Brzezinska.

The MMT2011 web site is up and running: <http://www.mmtcracow2011.pl/>.

TransNav 2011

June 15-17, 2011, Gdynia, Poland

URL: <http://transnav.am.gdynia.pl/>

SGEM 2011

June 19-25, 2011, Albena, Bulgaria

The 11th International Multidisciplinary Scientific Geo-Conference and Expo - SGEM 2011 (Surveying Geology & mining Ecology Management) will be held during the period 19 - 25 June 2011 at Albena sea-side and spa resort, Bulgaria. The SGEM GeoConference focuses on the latest findings and technologies in surveying geology and mining, ecology, and management, in order to contribute to the sustainable use of natural resources.

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

SIRGAS General Meeting 2011

August 8-10, 2011, Heredia, Costa Rica

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

ISDE7

August 23-25, 2011, Perth, Australia

The 7th International Symposium on Digital Earth (ISDE7) with the theme of the Knowledge Generation will be held in Perth, Australia from 23-25, August 2011 in conjunction with the Western Australian Land Information System (WALIS) Forum and the State Natural Resources Management (NRM) Conference.

URL: <http://www.isde7.net/>

Intergeo 2011

September 27-29, 2011, Nürnberg, Germany

URL: <http://www.intergeo.de/>

ISPRS - PIA11 Photogrammetric Images Analysis

October 5-7, 2011, Munich, Germany

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

Joint International Symposium on Deformation Monitoring

November 2-4, 2011, Hong Kong, China

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

UGI 2011 Regional Geographic Conference

November 14-18, 2011, Santiago, Chile

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

AGU Fall Meeting

December 5-9, 2011, San Francisco, USA

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