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Editor: Gyula Tóth

IAG Communication and Outreach Branch  
MTA-BME Research Group for Phys. Geod. and Geodyn.  
Department of Geodesy and Surveying  
Budapest University of Technology and Economics  
H-1521 Budapest, Hungary

Information Service of the International Association of Geodesy

<http://www.iag-aig.org>

[newsletter@iag-aig.org](mailto:newsletter@iag-aig.org)

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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](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

### ***Assistant/Associate Professor in Geodetic Earth Observation***

The *Department of Geomatics Engineering*, in the Schulich School of Engineering at the University of Calgary, invites applications for the position of Assistant or Associate Professor (tenure track) in Geodetic Earth Observation, effective January 1, 2007. Applicants at the Assistant Professor level should have some post-doctoral, industrial, or equivalent experience to be considered. A PhD in science or engineering is required.

Demonstrated expertise in Earth systems monitoring by geodetic techniques is required. Research expertise in one or more of the following areas is desirable: satellite geodesy, satellite altimetry, space borne gravimetry and gradiometry, geodynamics, potential field modeling, geodetic applications of InSAR, and orbit determination methods. Experience with research and applications of dedicated gravity satellite missions, satellite altimetry missions and SAR missions will be an asset. The position is expected to interface with all related disciplines of geomatics engineering and will conduct both teaching and research in geodesy and related areas. The applicant is expected to develop a strong research program and should be capable of attracting external funding for these research activities and graduate student support. The selected candidate must also have the capability and the flexibility to teach undergraduate fundamental engineering courses and is expected to register as a Professional Engineer or Geoscientist in the Province of Alberta.

The Department of Geomatics Engineering is actively involved in all aspects of geomatics engineering and comprises 20 faculty members, some 90 graduate students and 50 students in each year of the undergraduate program. State-of-the-art geomatics engineering equipment and computer facilities are available. Related information can be found at <http://www.geomatics.ucalgary.ca/>

The University of Calgary is a co-educational, non-denominational, government supported institution with a student population of about 27,000. The City of Calgary itself has a population of over one million and is situated within an hour's drive of Banff National Park, one of the most beautiful parts of the Rocky Mountains.

Applications should include a detailed curriculum vitae and a complete list of publications. Three letters of reference should be mailed directly to:

Head, Department of Geomatics Engineering, Schulich School of Engineering  
University of Calgary  
2500 University Drive NW, Calgary, Alberta T2N 1N4, Canada  
E-mail: [minch@ucalgary.ca](mailto:minch@ucalgary.ca)

Closing date: **September 15, 2006**

*All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.*

*The University of Calgary respects, appreciates and encourages diversity.*

To see all University of Calgary academic positions, please visit [www.ucalgary.ca/hr/career](http://www.ucalgary.ca/hr/career)

### ***Call for Proposal – Nominations open for IAG Secretary General***

The present Secretary General, C.C. Tscherning, has served for 3 periods, and cannot be re-elected. The election of a new Secretary General (SG) will take place in the spring of 2007 together with the election of other officers for the 2007-2011 period.

The commitment associated with this position is heavier than that associated with any of the other IAG executive positions. The IAG executive committee has therefore decided to separate the election of the new Secretary General from the other nominations and elections, because the election is based on a call for proposals, which have to be evaluated by the IAG Executive.

The duties of the SG are described in the by-laws, section 2.5.3, as quoted below. Since the SG will also be the director of the Central Bureau, a nomination automatically implies a commitment to host the Bureau, as well.

According to the by-laws, the SG receives no salary, but the expenses of the SG may be covered by the allocation received from IUGG. However, the funds needed for these expenses have normally exceeded the IUGG allocation, so the organization hosting the SG and thereby the Central Bureau contributes to the travel expenses of the SG and the running of the Central Bureau.

The nominated SG should be prepared to spend at least 1 full day per week on IAG matters, and the Central Bureau hosting organization should provide secretarial assistance equivalent to 2 full days per week. A nomination should therefore include information about the degree to which the hosting organization is prepared to cover, in whole or in part, the expenses of the SG and of the Central Bureau.

The proposal should be submitted to the president of the Nominating Committee, Prof. F. Sansò in electronic form. Proposals may be submitted by the adhering bodies of the member countries, officers, fellows, and members of the Association. Candidates shall be asked to signify their acceptance of nomination and to prepare a resume (maximum 150 words) outlining their position, research interests and activities relating to the Association. The proposal should also state the preparedness to host the Central Bureau, and the financial and secretarial support which may be allocated.

Proposals should be submitted before **September, 15, 2006**.

Extract from By-Laws:

**2.5.3** The **SECRETARY GENERAL**, shall have the following duties:

- a) Serve as secretary of the General Assembly, the Council, the Executive Committee and the Bureau; arrange for meetings of these bodies, distribute promptly the agenda and prepare and distribute the minutes of all their meetings.
- b) Director of the Central Bureau.
- c) Manage the affairs of the Association, attend to correspondence, and preserve the records.
- d) Circulate all appropriate information related to the Association.
- e) Prepare the reports of the Association's activities.
- f) Perform such other duties as may be assigned to him by the Bureau.

Address of Prof. Sansò:  
Prof. Fernando Sansò  
Politecnico di Milano - Polo Regionale di Como  
via Valleggio, 11 I-22100 Como  
Tel. +39.031.332.7518  
Fax +39.031.332.7519, e-mail: [fernando.sanso@polimi.it](mailto:fernando.sanso@polimi.it)

## Meeting Announcements

### **3rd International GOCE User Workshop**

*November 6-8, 2006, ESA-ESRIN, Frascati, Italy.*

The European Space Agency's Gravity field and steady-state Ocean Circulation Explorer (GOCE) Mission is planned for launch in 2007. This, the first of ESA's Core Earth Explorer satellite missions, and promises amongst others scientific applications in Geodesy, Solid-Earth Physics and Oceanography.

This is a preliminary announcement of the ESA's intent to hold the third in a series of International GOCE User Workshops from 6-8 November, 2006 at ESA-ESRIN, in Frascati, near Rome, Italy. This pre-launch workshop is timed to take place prior to the closure of the forthcoming GOCE Data Announcement of Opportunity (see: <http://eopi.esa.int>). 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 the opportunity to learn about product specifications, and the plans for data calibration and

validation. This Workshop will also offer the opportunity for users to present their planned scientific studies, prior to consolidating their GOCE Data AO proposals.

Conference proceedings are anticipated to be published as an ESA Special Publication by the ESA Publications Division, and so full scientific papers are encouraged in addition to the Workshop presentation material. The official language of the workshop is English.

#### *Preliminary Calendar of Key Dates*

- |                                       |                           |
|---------------------------------------|---------------------------|
| • First Announcement                  | March 2006                |
| • Second Call & Web Announcement      | May 2006                  |
| • Deadline for Abstract Submission    | 7 <sup>th</sup> July 2006 |
| • Notification of Abstract Acceptance | 8 September 2006          |
| • Preliminary Programme               | 15 September 2006         |
| • Confirmation of Participation       | 18 September 2006         |
| • Registration                        | 18 September 2006         |
| • Proceedings Paper Submission        | 13 October 2006           |
| • Presentation Material for Meeting   | 30 October 2006           |
| • GOCE User Workshop                  | November 6-8, 2006        |

Further information on Workshop objectives and themes are available on the Workshop web site:

<http://earth.esa.int/goce06>

We look forward to welcoming you at the Workshop. Please do not hesitate to forward this announcement to colleague you believe may be interested.

The 3rd International GOCE User Workshop 2006 - Organising Committee

M. R. DRINKWATER, J. BENVENISTE (CHAIRS)

R. FLOBERGHAGEN, R. HAAGMANS, M. KERN, G. PLANK, E. MONJOUX, C. COMPARETTO, C. MORRIS (MEMBERS)

### ***Symposium on Terrestrial Gravimetry: Static and Mobile Measurements***

*St. Petersburg, Russia, 20 - 22 August 2007.*

The meeting is being organized by Leonid Vitushkin, Chair of the Study Group 2.1 (Comparison of Absolute Gravimeters) of Commission 2. The symposium is officially sponsored by the IAG, co-sponsored by the Institute of Earth Physics of the Russian Academy of Sciences, Moscow; and the BIPM.

The topics of the conference will include the design and investigations of the measuring instruments for the absolute and relative measurement of the gravity field, their applications for terrestrial, shipboard and airborne platforms, and in the metrology of gravimetry. Traditional free-fall, superconducting, and spring-type gravimeters, gradiometers, and new technologies, such as based on atom interferometry, will be especially welcome, as will results and methodologies of static and mobile campaigns, as well as current and future networks. Geophysical interpretation of results and connection with space-borne systems are of limited interest, since the emphasis is on terrestrial (including airborne) instrumentation and methods to extract gravity field measurements for a variety of applications.

More details about the symposium will soon be available on the website of the meeting. Contact person of the Local Organising Committee is Mrs. Margarita Grishina ([mgrishina@eprib.ru](mailto:mgrishina@eprib.ru)).

CHRISTOPHER JEKELI AND  
LEONID VITUSHKIN

### ***IAG Sponsored Meetings***

#### **"Gravity Field of the Earth" – 1<sup>st</sup> International Symposium of the IGFS**

*28 August - 1 September 2006, Istanbul, Turkey*

The 1st symposium of IGFS as being a continuation of the symposia series of the former International Gravity and Geoid Commission will be held in Istanbul, Turkey. The major objective is to bring together the geoscientists working in general areas of modeling the Earth's gravity field. For more information visit the website: [www.igfs2006.org](http://www.igfs2006.org).

#### **XIII Assembly of the Wegener project**

*4-7 September 2006, Nice, France*

The 13th Assembly of WEGENER will provide a forum for discussion, coordination and scientific support for geoscientists interested in unravelling the kinematics and mechanisms of the broad Eurasian/African/Arabian collision zone. Details of the meeting are available: <http://wegener.unice.fr/>.

#### **Geodetic Reference Frames GRF2006**

*9-13 October 2006, Munich, Germany*

The Commission 1 „Reference Frames“ of the International Association of Geodesy (IAG) invites scientists and experts from all countries to participate in the Symposium “Geodetic Reference Frames”. The topics of the Symposium include the advanced development and combination of geodetic observation techniques, analysis and processing methods for parameter estimation related to reference frames, definition and integration of regional reference frames, consistent determination of terrestrial and celestial reference frames and Earth orientation parameters. Detailed information is available at the symposium website: <http://iag.dgfi.badw.de/?grf2006>.

#### **International Symposium “Modern Technologies, Education and Professional Practice in Geodesy and Related Fields**

*9-10 November 2006, Sofia, Bulgaria*

The symposium (with a special session for young specialists and students) will be held at the House of Science and Techniques, 108 Rakovski Str., Sofia, 09-10 November 2006, from 9 a.m. to 6 p.m. For up-to-date information please, visit the symposium website at: <http://www.gis-sofia.bg/sgzb/>.

#### **Symposium on Terrestrial Gravimetry: Static and Mobile Measurements**

*20 - 22 August 2007, St. Petersburg, Russia.*

The topics of the conference will include the design and investigations of the measuring instruments for the absolute and relative measurement of the gravity field, their applications for terrestrial, shipboard and airborne platforms, and in the metrology of gravimetry. Traditional free-fall, superconducting, and spring-type gravimeters, gradiometers, and new technologies, such as based on atom interferometry, will be especially welcome, as will results and methodologies of static and mobile campaigns, as well as current and future networks. More details about the symposium will soon be available on the website of the meeting.

### ***IAG Related Meetings***

#### **IAU Joint Discussion 16 at the XXVIth IAU General Assembly**

*August 22-23, 2006, Prague, Czech Republic*

IAU Joint Discussion 16 entitled "Nomenclature, Precession and New Models in Fundamental Astronomy. Applications and scientific contribution to astronomy" will be held during the XXVIth IAU General Assembly, on 22 and 23 August 2006, in Prague. Please see the IAU GA scientific program at: <http://www.astronomy2006.com/scientific-program.php> and the JD16 web page at <http://syrite.obspm.fr/iauJD16/>.

#### **ION GNSS 2006**

*September 26-29, 2006, Fort Worth, Texas*

The Institute of Navigation (ION), hosts the ION GNSS 2006 technical meeting in September. For details, please visit <http://www.ion.org/meetings/#gnss>.

#### **Geodetic Week 2006**

*10-12 October 2006, Munich, Germany*

The Geodetic Week is a forum for university and research institutes working in the fields of geodesy, surveying and neighbouring disciplines. Its goal is to foster information exchange between scientists and users with respect to the major topics listed below. Young scientists are particularly invited to give appropriate contributions. Further information and registration forms are available: <http://ifen.bauw.unibw-muenchen.de/gw06/>.

### **3rd International GOCE User Workshop**

*November 6-8, 2006, ESA-ESRIN, Frascati, Italy.*

ESA's intent is to hold the third in a series of International GOCE User Workshops from 6-8 November, 2006 at ESA-ESRIN, in Frascati, near Rome, Italy. Further information on Workshop objectives and themes, as well as details for abstract and paper/poster submission, are available on the Workshop web site: <http://earth.esa.int/goce06>.

### **International Symposium on Advances in Geographic Information Systems – ACM-GIS 2006**

*November 10-11, 2006 Arlington, Virginia, USA*

The 2006 International Symposium of ACM GIS will be the fourteenth of a series of symposia/workshops that began in 1993 with the aim of bringing together researchers, developers, users, and practitioners carrying out research and development in novel systems in which geospatial data and knowledge is central. Please visit the website <http://www.itc.nl/acmgis06> for details.

### **125<sup>th</sup> Anniversary of Seismology in Hungary**

*November 13-14, 2006 Budapest, Hungary*

The Permanent Seismological Commission was organised according to resolution of the Hungarian Geological Society of 9 November 1881. In the activity of the Commission took part the most prominent geologists, geographers and geophysicists of the country. Among them Radó Kövesligethy who made a lot to develop the theoretical backgrounds of seismology, organised the national network of earthquake observatories and was one of the founders of international collaboration in seismology.

To commemorate this anniversary of seismology in Hungary the Hungarian Academy of Sciences organises 13-14 November 2006 a meeting in the main building of the Hungarian Academy of Sciences (Budapest, Roosevelt square 9).

For more information contact please Péter Varga ([varga@seismology.hu](mailto:varga@seismology.hu))

## **IAG Sister Societies' General Assemblies**

### **IAU XXVIth General Assembly**

*August 14-25, 2006, Prague, Czech Republic*

The XXVIth General Assembly of the International Astronomical Union (IAU) will be held in Prague, Czech Republic, in a city with a rich astronomical history going back to the middle of XIVth century, when the oldest central European university was established there. The webpage of the Assembly is <http://www.astronomy2006.com>.

### **FIG 2006**

*October 8-12, 2006, Munich, Germany*

The Organising Committee has the pleasure of cordially inviting you to Munich to attend the XXIII International FIG World Congress from 8 to 13 October 2006. This event will take place concurrently with the INTERGEO 2006, the largest international congress and fair for geodesy, geo-information and land management. For details, please visit <http://www.fig2006.de>.

### **XIII<sup>th</sup> ISM Congress**

*September 24-28, 2007, Budapest, Hungary*

The XIII<sup>th</sup> Congress of International Society for Mine Surveying (ISM) will be held at Budapest University of Technology and Economics, Budapest, Hungary. The preliminary program is available from the ISM website: <http://www.ism.rwth-aachen.de>.

## Fast Bibliography

The fast bibliography consists of a listing of papers relevant to Geodesy, that has been collected by the IAG Bibliographic Service (IBS) since previous issue of the fast bibliography (IAG Newsletter May 2006 and Journal of Geodesy 80/3). The IBS is based on the literary data bank GEOPHOKA, which is maintained by BKG (Budensamt für Kartographie und Geodäsie) at the Branch Office Leipzig, Leipzig Zentrale technisch – wissenschaftliche Angelegenheiten, Bibliothek, Karl-Rothe Strasse 10-14, 0415 Leipzig, Germany. The IBS can be reached at the following Internet address: <http://www.leipzig.ifag.de>. The bibliographic services are furthermore reachable through the homepage of IAG: <http://www.iag-aig.org>.

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