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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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University of Copenhagen
Dept. of Geophysics
Copenhagen, Denmark
Fax: +45 35365357
E-mail: cct@gfy.ku.dk

General Announcements

GNSS position at University of Calgary

Assistant Professor in Geomatics Engineering

The Department of Geomatics Engineering, in the Schulich School of Engineering at the University of Calgary, invites applications for the position of Assistant Professor (tenure-track), effective September 1, 2011.

Applicants must have an earned PhD in geomatics engineering or equivalent, and have demonstrated research excellence in one or more of the following general Digital Imaging and Earth Observation areas: digital image analysis, integrated sensor orientation, image understanding, spatial data visualization, remote sensing, and satellite techniques for geodetic Earth monitoring. The successful applicant will be expected to develop a strong research program in one or more of the above mentioned areas and to attract external funding for these activities and graduate student support. The successful applicant must also have the capability and the flexibility to teach at all levels of the Geomatics Engineering program, including common-core engineering courses. If the successful candidate is not registered as a Professional Engineer in Canada, she/he will be required to register as a Professional Engineer in the Province of Alberta within two years of initial appointment.

The Department of Geomatics Engineering is actively involved in all aspects of geomatics engineering and has 18 faculty members, some 140 graduate students, and more than 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>.

Among Canada's universities, the University of Calgary is a comprehensive research university with close to 30,000 full-time equivalent students, including over 5,000 graduate students and in the Canadian top ten in a broad cross-section of measures, including research funding, endowment, graduation of PhD students, fundraising, and the quality of its professoriate. It is located on a modern campus in an attractive residential area, just minutes from downtown. Calgary is the Canadian centre for engineering and is Canada's second largest head-office city. It enjoys a vibrant economy based on energy, high-tech and tourism industries and the province of Alberta has the most favourable taxation environment in Canada. Calgary has a population of over one million, is situated in the foothills of the Canadian Rocky Mountains, and offers excellent recreational opportunities year round like skiing and cross-country hiking.

Interested individuals are requested to submit via e-mail their curriculum vitae, statement of research interests, statement of teaching focus and philosophy including potential courses to be taught, and the names and contact information of three references to:

Head, Department of Geomatics Engineering, Schulich School of Engineering
University of Calgary
E-mail: minch@ucalgary.ca

It is the responsibility of the applicant to contact their references and request that reference letters are directly sent to the above e-mail from their respective organization e-mail address. The letters should be provided on a professional letterhead from the reference provider's organization as a PDF attachment.

The deadline for the submission of applications is **June 15th, 2011**

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Calgary respects, appreciates and encourages diversity.

MS. MARCIA INCH
Administrative Manager, University of Calgary

Nominations for a new GGOS Chair

Dear Colleagues,

this year, with the IUGG General Assembly in Melbourne, the second term of the GGOS Chair ends and therefore we are looking for nominations for a new chair.

In principle, you may nominate anybody from the geodetic community. We are looking, however, for persons with the following attributes:

- a scientist with a high international standing
- capable to united and integrate the geodetic community
- with a broad expertise in geodesy
- with a clear vision for geodesy and GGOS

Please send in your nomination(s) as soon as possible, but no later than **June 5, 2011**

After June 5, 2011, the GGOS Chair Selection Committee will ask those who have been nominated, whether they are willing to be candidates for the Chair of GGOS. Based on the CV and a statement of the candidates the GGOS Chair Selection will then select the best 2-3 candidates. These will have to be approved by the GGOS SC and, finally, the IAG Executive Committee will appoint the GGOS chair. Thereby, the IAG Executive Committee is free to select somebody from the 2-3 candidates or not.

The IAG services should forward this e-mail to their governing and directing board members. We are looking forward to receive your nominations.

With best regards,

The GGOS Chair Selection Committee:

C.K. SHUM (Chair)
REINER RUMMEL
CLAUDE BOUCHER
ROGER HAAGMANS
MARKUS ROTHACHER

Proceedings of the 2010 UN-SPIDER Bonn Workshop

The proceedings of the 2010 UN-SPIDER Bonn Workshop are now online. Please go to <http://www.un-spider.org/4c-challenge-communication-coordination-cooperation-capacity-development> to read more.

NATALIE EPLER
UNOOSA

Announcement of a Special Issue of ASR on Lunar Exploration

Papers are invited for a special topical issue of Advances in Space Research (ASR) entitled "Lunar Exploration".

The recent and coming Lunar missions provides new opportunities to explore and understand space environments, surface processes, interior structure, evolution, and origin of the Moon, e.g., SMART-1, SELENE, ChangE-1 and 2, Chandrayaan-1, and LRO/LCROSS, and coming Chandrayaan-2, SELENE-2, LADEE, GRAIL as well as other manned missions and sample return missions. This special issue is open to all scientists who may have an appropriate scientific paper to present latest results from lunar missions, including theory, methods, measurements, modelling and findings as well as comparative studies with the Earth in the atmosphere, surface and interiors. Manuscripts on new advances or simulations in lunar science, lunar mission concepts, the instrumentation for the future lunar missions and surviving the lunar environment including habitats and radiation protection are also welcomed.

Papers must be submitted electronically to <http://ees.elsevier.com/asr>. To ensure that all manuscripts are correctly identified for inclusion into the special issue, authors must select "Lunar Exploration" when they reach the "Article Type" step in the submission process.

Submitted papers must be written in English and should include full affiliation addresses for all authors. Only full-length papers will be considered for publication, subject to peer review by two reviewers. There are no page limits although the length of the paper should be appropriate for the material being presented. While the deadline for submissions is 31 October 2011, papers will be published electronically as soon as they are accepted. The printed issue will be assembled within a reasonable time with late papers being printed in regular

issues of ASR. Contributors to this issue will have an opportunity to purchase individual issues once the issue is finalized. All articles will be typeset at no cost to the author; there is a nominal charge for printing color figures although there is no charge for color figures on the electronic version.

Dr. Shuanggen Jin (sg.jin@yahoo.com) is the Guest Editor for this special issue. Questions can be directed to Dr. Jin or to the Co-Editor for Special Issues, Dr. Peggy Ann Shea (sssrc@msn.com).

The general format for submission of papers is on the ASR Elsevier web site.

SANDRA VERHAGEN

Since the Journal "Advances in Space Research" is the official journal of COSPAR, and there is a traditional close relationship between IAG (Commission 1) and COSPAR (Sub-commission B2), therefore the above Call for Participation is published in the IAG Newsletter.

IAG COB

JoG Editorial Board

According to the IAG Bylaws §19, the current Editor-in-Chief of the Journal of Geodesy, in consultation with the Bureau, shall recommend a preliminary list of candidates for the new Board of Editors. This list shall be published on the IAG website to solicit additional nominations from the geodetic community. The additional candidates will be added to the list. At the General Assembly, the current Board shall appoint the members of the new Board from those recommended. After approval of these nominations by the Executive Committee, they will be considered as elected.

The proposed list is given below:

- Roland Klees (The Netherlands, Editor in Chief)
- Johannes Boehm (Austria)
- Pieter Clark (UK)
- Athanasios Dermanis (Greece)
- Pavel Ditmar (The Netherlands)
- Jeff Freymueller (USA)
- Masato Furuya (Japan)
- Richard Gross (USA)
- Chris Jekeli (USA)
- Wolfgang Keller (Germany)
- Christopher Kotsakis (Greece)
- Jan Kouba (Canada)
- Juergen Kusche (Germany)
- John Ries (USA)
- Simon Williams (Poland)
- Pascal Willis (France)

HERMANN DREWES
IAG Secretary General

Meeting Announcements

APSG Workshop 2011

*APSG Workshop 2011 on Space Geodesy and Its Applications for Geosciences and Space Exploitation
25-27 June, 2011, Melbourne, Australia*

Organized by:

Asia Pacific Space Geodynamics (APSG) Program Central Bureau
The RMIT University, Australia

Shanghai International Culture Association, China
Shanghai Astronomical Observatory, Chinese Academy of Sciences
Institute of Geodesy and Geophysics, Chinese Academy of Sciences

Advisory Committee

Prof. Houtze Hsu (Chair), Institute of Geodesy & Geophysics, China
Prof. Shuhua Ye (Advisor), Shanghai Astronomical Observatory, China
Prof. Benjamin Chao, Institute of Earth Sciences of Academia Sinica, Taiwan, China.
Prof. John LaBrecque, NASA Headquarters, U.S.A.
Prof. Kefei Zhang, RMIT SPACE Research Centre, Australia
Prof. Kosuke Heki, Hokkaido University, Japan
Prof. Michael R. Pearlman, ILRS, Center for Astrophysics, USA
Prof. Pil-Ho Park, Korea Astronomy and Space Science Institute, South Korea
Prof. Suriya Tatevian, Russian Academy of Sciences, Russia
Prof. Xiaoli Ding, Hong Kong Polytechnic University, Hong Kong, China

Dear Colleagues:

The Organizing Committee warmly invites you to take part in the APSG Workshop 2011 “Space Geodesy and Its Applications for Geosciences and Space Exploitation”, to be held in Melbourne, a beautiful city in Australia, 25-27 June, 2011. The workshop will take place before XXV IUGG General Assembly (www.IUGG2011.com), which will be held in the same city, 28 June - 8 July, 2011. Therefore you have an opportunity to attend the IUGG Assembly after the APSG Workshop. The detail about the Workshop can be found on the website: www.shao.ac.cn/APSG2011.

Topics

- 1. Data processing and inversion of geodetic technology**
Including data processing and inversion methods of GNSS Satellite Gravity (GRACE GOCE) Satellite Altimetry and ICESat data, as well as other related topics
- 2. Estimation of the sea level change and ice melting in Asia-pacific regions by geodetic methods**
Including regional sea-level changes, ice melting water storage changes and glacial isostatic adjustment (GIA) as well as other related topics
- 3. Crustal deformation, Earthquake Dynamics and Tsunami**
Including inversion of focal mechanism, crustal deformation, tectonic movement and stress field Especially, recent research results for the Japanese strong earthquake and the subsequent tsunami should be paid close attention to.
- 4. Space geodesy-based atmospheric remote sensing**
Including advanced geodetic techniques used for atmospheric remote sensing, extreme weather events and environment – theory, algorithm and innovative applications.
- 5. The Moon and Planetary Geodesy**
New results from CE-2, SELENE, Chandrayaan-1, LRO missions, and introductions about future missions, such as YH-1, Phobos-Grunt.

Venue of Workshop

RMIT University, Melbourne

Formal language of Workshop

English

Registration fee (to be paid at the meeting)

Full registration: US \$300.

Student registration: US \$200.

Important dates

Workshop: **25-27 June 2011**

Accommodation

A list of hotels will be provided in the Second Announcement. We will recommend 3-stars or 4-star hotels in the downtown area or university dormitories, close to the venue of the workshop.

Tour arrangement

The Organizing Committee will organize the city tour of Melbourne, and the other scenic spots of Australia after the workshop would be arranged according to your will by local travel agency.

Correspondence

Ms. Ruixian Zhou, Prof. Zhihan Qian, Prof. Cheng Huang
Shanghai Astronomical Observatory,
Chinese Academy of Sciences
80 Nandan Rd. Shanghai, 200030, China

Email: zrx@shao.ac.cn, qzh@shao.ac.cn or hc@shao.ac.cn
Fax: (86)-21-64696291

Pre-Registration Form is available from <http://202.127.29.4/APSG2011/reg.html>

KEFEI ZHANG
RMIT SPACE Research Centre



*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*

- Standard Registration Deadline **24 June 2011**
- Conference website: <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. The *IUGG 2011 Detailed Preliminary Program* now is available and registration for Workshops is still open.

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>.

MATT KING
School of Civil Engineering and Geosciences
Newcastle University

International workshop on GNSS Remote Sensing for Future Missions and Sciences

August 7-9, 2011, Shanghai, China

<http://www.shao.ac.cn/gnss>

The Global Navigation Satellite System (GNSS) has been widely used in navigation, positioning and geoscience applications. Recently, the versatile refracted, reflected and scattered signals of GNSS have been successfully demonstrated to sound the atmosphere and ionosphere, ocean, land surfaces (including soil moisture) and the cryosphere as a new remote sensing tool. With the further improvement of the next generation multi-frequency GNSS systems and receivers and new space-based instruments utilizing GNSS reflections and refractions, new scientific applications of GNSS are expected in various environment remote sensing fields in the near future.

The international workshop on *GNSS Remote Sensing for Future Missions and Sciences* will be a forum for assessing current ability and presenting recent results and future developments as well as looking for new collaboration opportunities, joint nanosatellite experiments and missions using GNSS refractometry, reflectometry and scatterometry, e.g., atmospheric and ionospheric sounding using ground and space-borne GPS measurements (CHAMP, GRACE, COSMIC, MetOp, TerraSAR-X, OceanSat-2), GNSS reflectometry (GNSS-R) in ocean altimetry, and soil moisture and ice/snow status as well as geohazards monitoring/warning (e.g., Hurricane, Typhoon, Tsunami and Earthquake).

SANDRA VERHAGEN
President, IAG Commission 4

IAG Sponsored Meetings

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

International workshop on GNSS Remote Sensing for Future Missions and Sciences

August 7-9, 2011, Shanghai, China

URL: <http://www.shao.ac.cn/gnss>

SIRGAS General Meeting 2011

August 8-10, 2011, Heredia, Costa Rica

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

3rd International Colloquium - Scientific and Fundamental Aspects of the Galileo Programme

August 31 - September 2, 2011 in Copenhagen, Denmark

More information and online abstract submission is available on the Colloquium web site:

<http://www.congrex.nl/11A12/>.

Joint International Symposium on Deformation Monitoring

November 2-4, 2011, Hong Kong, China

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

IAG Related Meetings

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/>

APSG Workshop 2011

June 25-27, 2011, Melbourne, Australia

URL: <http://www.shao.ac.cn/APSG2011>

ESA International Summer School on GNSS 2011

July 20-30, 2011, Berchtesgaden/Bavaria, Germany

It is the objective of this summerschool to provide the attendees with a comprehensive overview on the design and development of satellite navigation systems as well as its applications. The program is open to graduate students, PhD. candidates, early-stage researchers and young professional willing to broaden their knowledge.

URL: <http://www.munich-satellite-navigation-summerschool.org>

AOGS 2011 Conference

August 8-12, 2011, Taipei, Taiwan

There will be sessions related to geodesy on topics such as “New technological developments in space geodesy and applications on atmospheric and geodynamical research”, Solid Earth, Natural Hazards, and Atmosphere.

URL: <http://www.asiaoceania.org/aogs2011>

XXX URSI General Assembly and Scientific Symposium

August 13-20, 2011, Istanbul, Turkey

URL: <http://www.ursigass2011.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/>

Journées 'Systèmes de référence spatio-temporels' 2011

September 19-21, 2011, Vienna, Austria

URL: <http://info.tuwien.ac.at/hg/meetings/journees11/index.html>

SMOS Science Workshop

September 27-29, 2011, Arles, France

URL: <http://www.smos2011.org/>

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/>

SX5 - Scientific Service Support Based on Galileo E5 Receivers

October 18, 2011, Neubiberg/Munich, Germany

URL: <http://ifn.bauw.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>

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/>

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>

Reports

FIG Working Week

Marrakech, Morocco, 18-22 May, 2011

The annual FIG Working Week conference this year was held in Marrakech. The theme of the conference was “Bridging the Gap Between Cultures” (<http://www.fig.net/fig2011/>). This was a large FIG-WW, with more than 1700 delegates (about 600 being from Morocco), from 94 countries, and over 500 presented papers. There was a large exhibition by instrument manufacturers, software vendors, local and international services and agencies. What was particularly interesting was the large Chinese contingent, demonstrating China is putting a lot of effort to gain the attention of the geospatial industry, especially in Africa. As is the case with all FIG events, because of the huge diversity of geospatial topics (covered by ten commissions) there was a large number of parallel sessions. However, when it comes to interest in GNSS, PNT, geodesy, engineering surveying and deformation, it is possible to focus on sessions organised by Commission 5 “Positioning and Measurement” (chaired by Mikael Lilje) and Commission 6 “Engineering Survey” (chaired by Gethin Roberts).

The Commission 5 sessions had themes:

- AFREF in a Global Perspective
- GNSS CORS Infrastructure & Standards
- GNSS CORS Networks Case Studies
- Geodetic Applications in Various Situations
- National Geodesy I & II
- GNSS & Land Deformation
- Geoid & GNSS Heighting
- Adjustment & Coordinate Transformation
- GNSS Processing & Analysis
- Alternatives & Backups to GNSS

The Commission 6 sessions had themes:

- Deformation Monitoring
- Land Deformation
- Land Deformation & SAR
- Laser Scanners
- Engineering Surveying
- Engineering Surveying - Equipment
- Engineering Surveying - Software

On Thursday 19th May, I gave the keynote presentation on behalf of the IAG in session “APREF in a Global Perspective”, titled “Global & National Geodesy, GNSS Surveying, & CORS Infrastructure”. In the next session “GNSS CORS Infrastructure & Standards” I presented Ruth Neilan’s paper “The International GNSS Service (IGS): Product & Services”.

FIG/IAG Cooperation

For many years there has been cooperation between these sister organisations (and an MoU), especially focused on FIG Commissions 5 & 6 and IAG Commissions 1 & 4. However in 2005 this was formalised in the form of an FIG/IAG liaison document that “maps” the FIG and IAG entities (commissions, sub-commissions, working groups, study groups, etc.), and identifies areas of cooperation and common interest. This is updated at each IUGG general assembly or FIG congress, with the election of new officebearers of the organisations. The chair of FIG Commission 5 and WG chairs now regularly participate at IAG events symposia, and visa versa. Hence my attendance at this (and previous) FIG working weeks (held annually), and congresses (every 4 years). For example, the chair of the FIG Commission 5 Mikael Lilje will be attending IUGG.

This liaison provides a framework for sustained cooperation. A concrete outcome of such cooperation has been the establishment of a series of jointly organised FIG/IAG conferences. One is the “deformation monitoring” conference series (nominally held every “even” year, with the exception that this year it will be in Hong Kong, 2-4 November), and the other is the “mobile mapping technology” conference series (nominally held every “odd” year, this year in Cracow, Poland, 13-16 June). Other areas of cooperation that have been identified is the organisation of workshops or seminars on the topic of reference frames (ITRF, world vertical datum) given

by IAG presenters, a publication by the FIG on “reference frames in practice”, a closer liaison on multi-GNSS (e.g. by the FIG encouraging members to support the IGS multi-GNSS pilot project), jointly organising conference sessions on AF-REF and APREF, and cross-membership of WGs.

The aim is to take advantage of the FIG’s “reach” (it has professional member associations from over 120 countries), and its annual conferences held in different countries, to promote the Global Geodetic Observing System, IAG products such as the ITRF2008, IAG services, and IAG initiatives or projects. A “work plan” for 2011-2014 (in 2014 the FIG will hold its next congress), with suggested activities, will be presented to the IAG Executive Committee at the forthcoming IUGG General Assembly, in Melbourne, 28 June – 7 July.

CHRIS RIZOS

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 September 2010). The IBS is based on the literature data base GEOPHOKA, which is maintained by BKG (Bundesamt für Kartographie und Geodäsie) at the Branch Office Leipzig, Karl-Rothe Strasse 10-14, 04105 Leipzig, Germany. The IBS can be reached at the following Internet address: <http://www.bkg.bund.de> or furthermore through the homepage of IAG: <http://www.iag-aig.org>.

- Abbondanza, Claudio, Sarti, Pierguido: Effects of illumination functions on the computation of gravity-dependent signal path variation models in primary focus and Cassegrainian VLBI telescopes, *Journal of Geodesy*, Berlin, Vol. 84, Nr. 8, Aug. 2010. - pp. 515-525, 2010
- Abeyratne, P.G.V., Featherstone, W.E., Tantrigoda, D.A.: On the geodetic datums in Sri Lanka, *Survey Review*, London, Vol. 42, 2010, No. 317. - pp. 229-239, 2010
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