



Contents

General Announcements 2
 IAG Membership Application Form 2008..... 2
 Assistant Professor Position - York University, Toronto, Canada..... 2
Meeting Announcements 3
 International Symposium on Gravity, Geoid and Earth Observation GGEO 2008 – First Announcement 3
 37th Scientific Assembly of the Committee on Space Research and Associated Events – COSPAR 2008..... 3
 16th International Workshop on Laser Ranging – Initial Announcement 4
IAG Sponsored Meetings..... 4
 International Symposium on Gravity, Geoid and Earth Observation GGEO 2008..... 4
 New Challenges in Earth’s Dynamics ETS2008 4
IAG Related Meetings 5
 UN-SPIDER Workshops 5
 IGSS 2007..... 5
 3rd WCRP 5
 ION NTM 2008: Exploring the Future Uses of Navigation Technology..... 5
 ISU's 12th Annual Symposium 'Space Solutions to Earth's Global Challenges' 5
 GEOS 2008 5
 PLANS 2008: Position Location and Navigation Symposium..... 5
 Measuring the changes 5
 International Symposium on the Effect of Climate Change on the World’s Oceans 6
 37th Scientific Assembly of the Committee on Space Research and Associated Events – COSPAR 2008 6
 16th International Workshop on Laser Ranging 6
 HydroChange 2008 6
 The Role of Hydrology in Water Resources Management..... 6
 XXXVI IAH Congress 6
IAG Sister Societies’ General Assemblies 6
 Associations’ Scientific Assemblies of the IUGG 6
 EGU 2008 6
 XXI ISPRS Congress 7
 33rd International Geological Congress IGC..... 7
 IAVCEI 2008 General Assembly 7

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:

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

General Announcements

IAG Membership Application Form 2008

The Membership Application Form 2008 in PDF can be downloaded from the IAG website: <http://www.iag-aig.org>. Those members, whose membership expires by the end of 2007 may consider renewing their membership for 2008 or longer period (2008-2011). The IAG Communication and Outreach Branch is continuing to improve the service, especially for the IAG individual members.

IAG COB

Assistant Professor Position - York University, Toronto, Canada

Position Information

Position Rank: Full Time Tenure Stream - Assistant Professor
Discipline/Field: Geomatics Engineering
Home Faculty: Science and Engineering
Home Department: Earth and Space Science and Engineering
Affiliation/Union: YUFA
Position Start Date: July 1, 2008



The Faculty of Science and Engineering, York University, Toronto, Ontario, Canada is seeking applications for one tenure-track professorial stream position in Geomatics Engineering. Preference will be given to candidates who have achieved excellence in research areas that complement the ongoing research activity at York University. Geomatics Engineering and Earth Science research is carried out within the Department of Earth and Space Science and Engineering (www.yorku.ca/esse). Current research includes remote sensing of Earth's surface and atmosphere from space, development of technology for lidar and spectroscopic techniques in remote sensing, synthetic aperture radar, space geodesy and geodynamics, positioning and navigation, geological applications of Geographical Information Systems (GIS) and the development of new GIS techniques.

Applications for an Assistant Professor appointment are invited from candidates with expertise in one of the following specializations: Geographic Information Systems (GIS) with emphasis on, e.g., web-based 3D and 4D GIS, sensor web, participatory GIS, mobile GIS and location-based services and data visualization; or geodynamics and/or geophysics with a focus on airborne and satellite-based applications.

The candidate must hold earned undergraduate and PhD degrees in Engineering, or a closely related discipline. The successful candidate shall demonstrate commitment to the engineering profession by being licensed as a Professional Engineer, or by becoming licensed soon after appointment. The successful candidate will be expected to develop strong, externally funded research programs, and contribute to teaching Engineering courses at the undergraduate and graduate levels. The successful candidate should be eligible for appointment to the Faculty of Graduate Studies. This position is to commence July 1, 2008, and is subject to budgetary approval.

York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at www.yorku.ca/acadjobs or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

Applicants should forward a curriculum vitae, an outline of their research plans, single copies of three publications, and the names and contact details of three references, by **January 4, 2008**, to:

Chair, Search Committee
School of Engineering
Room 1012F, Computer Science and Engineering Building
York University

4700 Keele St.
Toronto, ON Canada M3J 1P3

For additional information contact: gmoore@yorku.ca, Tel. 416.650.8215, Fax. 416.650.8135.
Applicants should indicate their professional engineering status and affirmative action details.

YORK UNIVERSITY

Meeting Announcements

International Symposium on Gravity, Geoid and Earth Observation GGEO 2008 – First Announcement

*23-27 June, 2008
Chania, Crete, Greece*

Convenor:

Prof. Stelios P. Mertikas
Lab of Geodesy & Geomatics Engineering
Department of Mineral Resources Engineering
Technical University of Crete
GR-73100 Chania, Crete, Greece.
Phone: +30-28210-37629
Fax: +30-28210-37872
E-mail: mertikas@mred.tuc.gr (Convenor)
GGEO2008@mred.tuc.gr (Symposium Secretary)

The **first circular letter** will be sent out in **December, 2007**.

By that time, a web site (<http://www.geomatlab.tuc.gr/GGEO2008>) will have been set up with additional information (under construction).

For more details, and to be placed on the mailing list, please send your full address and e-mail to the GGEO2008 Symposium Secretary.

STELIOS P. MERTIKAS

37th Scientific Assembly of the Committee on Space Research and Associated Events – COSPAR 2008

*50th Anniversary Assembly
13 - 20 July 2008, Montreal, Canada.*

Contact:

COSPAR Secretariat, c/o CNES, 2 place Maurice Quentin, 75039 Paris Cedex 01, France. Tel: +33 1 44 76 75 10, Fax: +33 1 44 76 74 37. E-mail: cospar@cosparhq.cnes.fr
<http://www.cospar2008.org/> or <http://www.cospar-assembly.org>

Scientific Program Chair:

Prof. Jean-Pierre St.-Maurice, University of Saskatchewan, Saskatoon, Canada

Abstract Deadline:

Mid-February 2008

Topics:

Approximately 85 meetings covering the fields of COSPAR Scientific Commissions (SC) and Panels:

- SC A: The Earth's Surface, Meteorology and Climate

- SC B: The Earth-Moon System, Planets, and Small Bodies of the Solar System
- SC C: The Upper Atmospheres of the Earth and Planets Including Reference Atmospheres
- SC D: Space Plasmas in the Solar System, Including Planetary Magnetospheres
- SC E: Research in Astrophysics from Space
- SC F: Life Sciences as Related to Space
- SC G: Materials Sciences in Space
- SC H: Fundamental Physics in Space
- Panel on Satellite Dynamics (PSD)
- Panel on Scientific Ballooning (PSB)
- Panel on Potentially Environmentally Detrimental Activities in Space (PEDAS)
- Panel on Radiation Belt Environment Modelling (PRBEM)
- Panel on Space Weather (PSW)
- Panel on Planetary Protection (PPP)
- Panel on Capacity Building (PCB)
- Panel on Education
- Special events: 50th anniversary lectures, interdisciplinary lectures, space agency round table, session on EGY - Towards an Earth and Space Science Commons

Papers Published in *Advances in Space Research*, a fully refereed journal.

A. JANOFSKY
Associate Director
COSPAR

16th International Workshop on Laser Ranging – Initial Announcement

Poznan Poland, September 22-26, 2008.

The Space Research Centre of the Polish Academy of Sciences has confirmed that the next International Workshop on Laser Ranging will be held in Poznan Poland (15 km from the Borowiec SLR station) on September 22-26, 2008. We ask you to reserve this date on your calendars and plan to attend what will surely be another exciting laser workshop.

CAREY NOLL
Crustal Dynamics Data Information System (CDDIS)

IAG Sponsored Meetings

International Symposium on Gravity, Geoid and Earth Observation GGEO 2008

June 23-27, 2008, Chania, Crete, Greece

The symposium aims at bringing together geodesists and geophysicists working in the general areas of gravity, geoid, geodynamics and Earth observation. Besides covering the traditional research areas, special attention will be paid to the use of geodetic methods for Earth observation, environmental monitoring, Earth Gravity Models, geodynamics studies, dedicated gravity satellite missions, airborne gravity surveys, Geodesy & geodynamics in polar regions, and the integration of geodetic and geophysical information. The first circular letter will be sent out in December, 2007. The website of the Symposium is <http://www.geomatlab.tuc.gr/GGEO2008>.

New Challenges in Earth's Dynamics ETS2008

September 1-5 2008, Jena, Germany

Under the sponsorship of the International Association of Geodesy (IAG), the Commission 3 (Geodynamics) & the sub-commissions on earth Tides (3.1), Crustal Deformation (3.2), Geophysical Fluids (3.3) and the Global Geodynamics Project (GGP) organise for the first time a joint meeting which will include the 16th International Symposium on earth Tides. The assembly will provide a unique opportunity to exchange new results and strategies to meet the current challenges of earth's dynamics from different viewpoints. For details, please visit www.ets2008.de.

IAG Related Meetings

UN-SPIDER Workshops

The following UN-SPIDER Workshops are confirmed for 2007:

- Space-based Information and Solutions for Disaster Management and Emergency Response" in Bonn, Germany, 29 to 31 October 2007
- Building Upon Regional Space-based Solutions for Disaster Management and Emergency Response" in Guangzhou, China, 03 to 05 December 2007
- Space-based Solutions for Disaster Management and Emergency Response" in Khartoum, Sudan, 09 to 12 December 2007

For further information on the above UN-SPIDER Workshops please visit the UNOOSA website: <http://www.unoosa.org/oosa/en/unspider/workshops.html>.

IGNSS 2007

December 4 - December 6 2007, Sydney, Australia

The IGNSS Symposium includes open forums where users can discuss the implementation and application of GNSS and other location technologies. The website of the Symposium can be found at <http://www.ignss.org/>.

3rd WCRP

January 20 – February 1, 2008, Tokyo, Japan

Third World Climate Research Programme (WCRP) International Conference on Reanalysis is planned to take place in Tokyo, Japan from 28th January to 1st February 2008. See http://jra.kishou.go.jp/3rac_en.html for further information.

ION NTM 2008: Exploring the Future Uses of Navigation Technology

January 28 - 30 2008, San Diego, California, USA

The Institute of Navigation's 2008 National Technical Meeting will focus on how the existing sources of navigation technology will be enhanced to provide improvements to the user community. See the ION website (www.ion.org) for details.

ISU's 12th Annual Symposium 'Space Solutions to Earth's Global Challenges'

February 20-22 2008, Strasbourg, France

The 12th Annual International Symposium: "Space Solutions to Earth's Global Challenges" organized by the International Space University (ISU) will be held in Strasbourg, France from 20-22 February 2008. Abstract Deadline is 5th October 2007. See <http://www.isunet.edu/>.

GEOS 2008

February 27 – 28 2008, Prague, Czech Republic

The international conference GEOS 2008 will take place in Prague during 27 February to 28 February 2008. The conference will be followed by the General Assembly meeting of the Council of European Geodetic Surveyors, that will take place in Prague immediately after the conference during 29 February to 1 March 2008. At the same time the International Fair of Geodesy and Cartography GEOS 2008 will be held during 28 February to 1 March. Other information dealing with the conference will be available at http://www.vugtk.cz/geos/2008/index_aj.php.

PLANS 2008: Position Location and Navigation Symposium

May 6 - 8 2008, Monterey, California, USA

PLANS 2008 is the second biennial conference co-sponsored by the IEEE and the ION. Please visit the website www.plansconference.org for details.

Measuring the changes

May 12-15 2008, Lisbon, Portugal

This conference is the second joint meeting of the two groups under the theme "Measuring the Changes", combining the 13th FIG Symposium on Deformation Measurements and Analysis with the 4th IAG Symposium on Geodesy for Geotechnical and Structural Engineering.. The recent catastrophic disasters have dramatically

increased the importance, and demand, for fully automated, continuous, and reliable deformation monitoring in the civil engineering, mining, and energy sectors. The Conference webpage is <http://measuringchanges.lnec.pt/>.

International Symposium on the Effect of Climate Change on the World's Oceans

May 19-23 2008, Gijón, Spain

Climate change is the most important threat to the Earth. Even if we stabilize CO₂ emissions, the 2007 IPCC (Intergovernmental Panel on Climate Change) Assessment confirms that warming will continue for decades and sea level will continue to rise for centuries. The Symposium will bring together results from observations, analyses and model simulations, at a global scale, and will include discussion of the climate change scenarios and the possibilities for mitigating and protecting the marine environment and living marine resources. For details, please visit http://www.pices.int/meetings/international_symposia/2008_symposia/Climate_change/

37th Scientific Assembly of the Committee on Space Research and Associated Events – COSPAR 2008

50th Anniversary Assembly

13 - 20 July 2008, Montreal, Canada.

The 50th Anniversary Assembly COSPAR 2008 will be held in Montreal, Canada. For more information about this particular event please visit the Assembly website at <http://www.cospar2008.org/>.

16th International Workshop on Laser Ranging

22-26 September 2008, Poznan, Poland

The next International Workshop on Laser Ranging will be held in Poznan Poland (15 km from the Borowiec SLR station) on September 22-26, 2008.

HydroChange 2008

October 1-3, 2008, Kyoto, Japan

The HydroChange 2008 Symposium “Hydrological changes and management from headwater to the ocean” will be held at Kyoto Garden Palace, Kyoto, Japan. Please visit the official web site of the Symposium at http://www.chikyu.ac.jp/HC_2008.

The Role of Hydrology in Water Resources Management

October 13-16 2008, Isle of Capri, Naples, Italy

A joint IAHS UNESCO Symposium on The Role of Hydrology in Water Resources Management will be held in Naples, Italy. The purpose of the Symposium "The Role of Hydrology in Water Resources Management" is to discuss ways in which hydrologists can contribute most effectively to the planning and management of freshwater projects, including the efficient operation of existing systems faced with new socio-political situations. Web page of the Symposium is www.ihp2008capri.it.

XXXVI IAH Congress

October 26-31, 2008, Toyama, Japan

“Integrating Groundwater Science and Human Well-being” congress is planned to be held in Toyama, Japan. Please visit <http://www.envr.tsukuba.ac.jp/~IAH2008>.

IAG Sister Societies' General Assemblies

Associations' Scientific Assemblies of the IUGG

- IUGG/IAGA, August 23-30, 2009, Sopron, Hungary
- IUGG/IAHS, September 7-12, 2009, Hyderabad, India
- IUGG/IASPEI, January 10-16, 2009, Cape Town, South Africa
- IUGG/IAG, August 31-September 4, 2009, Buenos Aires, Argentina
- IUGG/IACS-IAMAS-IAPSO, July 19-29, 2009, Montreal, Canada
- IUGG/IAVCEI, August 12-15, 2008, Reykjavik, Iceland

EGU 2008

April 13-18, 2008, Vienna, Austria

The European Geosciences Union (EGU) General Assembly will bring together geoscientists from all over Europe and the rest of the world into one meeting covering all disciplines of the Earth, Planetary and Space Sciences. Especially for young scientists the EGU appeals to provide a forum to present their work and discuss their ideas with experts in all fields of geosciences. Please visit <http://meetings.copernicus.org/egu2008/> for more information

XXI ISPRS Congress

July 3-11, 2008, Beijing, China

The quadrennial ISPRS Congress will be hosted by the Chinese Society of Geodesy, Photogrammetry and Cartography, with the theme 'Silk Road for Information from Imagery'. It is worth mentioning that ISPRS 2008 Beijing will be held just one month before 2008 Beijing Olympic Games when the city will become the focus of world attention. Detailed information is available from the Congress website: <http://www.isprs2008-beijing.org/>.

33rd International Geological Congress IGC

August 6-14, 2008, Oslo, Norway

The 2008 Congress will be held in collaboration with the International Union of Geological Sciences (IUGS) and many other international and national organisations, the National IUGS Committees in the five Nordic Countries (Norden): Norway, Denmark, Finland, Iceland and Sweden. Please visit <http://www.33igc.org/> for more information about the IGC 2008.

IAVCEI 2008 General Assembly

August 18-24, 2008, Reykjavik, Iceland

Reykjavik is an excellent place to host the IAVCEI General Assembly in 2008. The main theme of the meeting will be "Understanding Volcanoes". The meeting is devoted to volcanism and volcano-tectonics of all environments and the impact of volcanic eruptions on the surface environment and human activities. The website of the Assembly is <http://www.iavcei2008.hi.is/>.