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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:

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

General Announcements

Commission 4 News

The IAG Commission 4 will be co-sponsoring the session on Applications in Surveying, Geodesy, Science and Timing at the upcoming International Technical Meeting of the Institute of Navigation (ION ITM 2009) to be held in Anaheim, California, January 26-28, 2009 (<https://www.ion.org/meetings/itm2009cfa.cfm>) The theme of the ION ITM 2009 is "GNSS Technology: A Path to Sustainable Economic and Social Benefits for Developing Countries" The session will be co-chaired by Dr. Dorota Grejner-Brzezinska, The Ohio State University and Dr. Jade Morton, Miami University.

SANDRA VERHAGEN

Calls for Proposals for new GGOS Components

Dear Colleagues,

at the IUGG General Assembly 2007 in Perugia the new Terms of Reference (ToR) of the Global Geodetic Observing System (GGOS) were accepted by the IAG Executive Committee. According to these new ToR, the following new components of GGOS are going to be established:

- GGOS Coordination Office and GGOS Portal
- Bureau for Networks and Communication
- Bureau for Standards and Conventions
- Bureau for Satellite Missions

In the GGOS website <http://ggos.gfz-potsdam.de/ggos/index.php?id=20> you will find the Calls for Proposals (CFP) for these new components. The deadline for submitting your proposal is

October 15, 2008.

More details are given in the documents mentioned.

Please consider this unique opportunity to contribute with your institution, possibly in cooperation with other institutions, to these important activities of GGOS.

Looking forward to your proposals,
with best regards,

MARKUS ROTHACHER
Chair of GGOS

Meeting Announcements

16th International Workshop on Laser Ranging – Updated Announcement

Poznan Poland, October 13-17, 2008.

The Space Research Centre of the Polish Academy of Sciences will host the next International Workshop on Laser Ranging in Poznan Poland (15 km from the Borowiec SLR station) on October 13-17, 2008 (note new dates). The theme of this year's workshop is "SLR, The Next Generation". The first circular will be issued

soon. In the meantime, we ask you to reserve these dates on your calendars and plan to attend what will surely be another exciting laser workshop.

We are also pleased to announce that the proceedings from the 15th International Workshop on Laser Ranging, held in Canberra Australia in October 2006, have been completed. All presentations and papers from this workshop will also be accessible through the ILRS Web site at: <http://cddis.gsfc.nasa.gov/lw15/index.html>.

CAREY NOLL
Crustal Dynamics Data Information System (CDDIS)

Colloquium to honour Helmut Moritz

on November 14, 2008 at Berlin (Germany)

(Extract of the Second Circular)

Invitation

On November 1, 2008, Prof. Dr. techn. Dr. h.c. mult. Helmut Moritz, Graz, Member of the Leibniz Society of Sciences at Berlin, Full Member of the Austrian Academy of Sciences (ÖAW), foreign member of over ten national academies of sciences, is reaching the age of 75.

On this occasion the Leibniz Society, to honour its standing member of many years', is organising an all-day Colloquium on the theme "Scientific Geodesy" on November 14, 2008, at Berlin. This colloquium is supported by the Austrian Academy of Sciences (ÖAW), the International Association of Geodesy (IAG) and the Graz Technical University.

We invite warmly all the friends of Helmut Moritz, his colleagues, coworkers and scholars, as well as all the persons, interested in the theme of the colloquium, to attend.

A registration fee for the colloquium is not requested. We ask to apply for registration in time using the application form.

Provisional Programme

Pre-programme on November 13, 2008

- | | |
|------------------|---|
| 10.00 to 16.00 h | Scientific sessions of the Leibniz Society on themes of theoretical physics to honour Hans-Jürgen Treder, Member of Leibniz Society, who passed away on November 18, 2006, on the occasion of his 80 th birthday (Programme enclosed) |
| 18.00 h | Informal meeting of the contributors to the Colloquium „Scientific Geodesy“ |

November 14, 2008 Colloquium „Scientific Geodesy“

Location of the sessions: Otto-Suhr-Saal in Neues Stadthaus at Berlin-Mitte, Parochialstr. 1-3, near by the stations S- und U-Bahnhof Alexanderplatz.

Registration for attendance is requested.

The contributions will be presented in the language used in the title. Summaries in German and English will be available during the meeting.

10.00 h – 12.30 h Morning Session

10.00 h Opening, Laudationes, Addresses

Dieter B. Herrmann, President of the Leibniz Society,

Begrüßung und Eröffnung des Kolloquiums

Herbert Mang, Former President of the Austrian Academy of Sciences,

Laudatio auf Helmut Moritz

Heinz Kautzleben, Member of the Leibniz Society,

Die Geodäsie ab dem IGJ und Helmut Moritz

Herrmann Drewes, General Secretary of the International Association of Geodesy,

Address to Helmut Moritz from the IAG

Hans Sünnkel, Rector of the Graz Technical University,

Grußadresse der TU Graz
Addresses from the Austrian Geodetic Commission and the German Geodetic Commission
Bogdan Ney, Member of the Presidium of the Polish Academy of Sciences,
Address to Helmut Moritz from the Polish Academy of Sciences
Yury M. Neyman, Moscow State University of Geodesy and Cartography,
The Russian Geodesy and Helmut Moritz. Address from MIIGAİK
Announcement of the other addresses from Academies, Scientific Societies and Universities, which has elected
Helmut Moritz for Foreign Member or Doctor honoris causa, respectively

11.30 h Start of presenting the scientific papers

Fernando Sansò & G. Venuti, Milano,
The convergence problem for the collocation solution; a return
Christian C. Tscherning, Copenhagen,
The use of least-squares collocation for the processing of GOCE data
Petr Holota, Prague,
Problems of potential theory in gravity field studies
Elena Mazurova, Moscow,
Corrections for ellipsoidality

12.30 h to 14.30h Lunch break

14.30 h to 17.00 h Afternoon session

14.30 h Continuation of presenting the scientific papers

Erik W. Grafarend, Stuttgart,
Helmut Moritz, das Somigliana-Pizzetti-Referenz-Schwerefeld und „Mars“, die Referenz-
Äquipotentialfläche
Jürgen Müller, Hannover,
Moderne Geodäsie – eine Herausforderung für Gravitations- und Quantenphysik
Bernhard Hofmann-Wellenhof, Graz,
Galileo Galilei und Helmut Moritz im Diskurs
Bogdan Ney, Warsaw,
Integration of geoinformations
Victor P. Savinykh, Moscow,
Space monitoring for nature and antropogenic disasters
Juhani Kakkuri, Helsinki,
Weikko Heiskanen and Helmut Moritz
Markku Poutanen, Helsinki,
From Maupertuis to GRACE. Finnish contributions to the global geodesy
Günter Leonhardt, Gera,
Der Dresdener Geodät Horst Peschel (1909-1989)
Dieter Lelgemann, Berlin,
Eratosthenes von Kyrene und das heliozentrische Konzept des Planetensystems
Herbert Hörz, Berlin,
Unbestimmtheit und Exaktheit in der Wissenschaft – Anmerkungen zu
wissenschaftsmethodologischen Überlegungen von Helmut Moritz
Helmut Moritz, Graz,
Schlusswort zum Kolloquium
Große Mathematiker und die Geowissenschaften. Von Pythagoras zu Einstein und Hilbert

17.00 h End of the scientific meeting

18.00 h Informal meeting of the participants to the Colloquium “Scientific Geodesy” to honour Helmut Moritz

Addresses for Questions:

Leibniz-Sozietät der Wissenschaften zu Berlin e.V.
Langenbeck-Virchow-Haus, Luisenstr. 58/59, D-10117 Berlin
www.leibniz-sozietat.de
Prof. Dr. Heinz Kautzleben
Schneewittchenstr. 18, D-12524 Berlin

Geodesy for Planet Earth

*IAG 2009 Scientific Assembly, Buenos Aires, Argentina
August 31 to September 4, 2009*



Dear Colleagues and Friends,

It is both our privilege and our pleasure to invite you to the International Association of Geodesy Scientific Assembly IAG2009 that will be hosted by the IUGG National Committee together with the Argentine Association of Geophysics and Geodesy, and will take place in the exciting city of Buenos Aires. Buenos Aires, cradle of tango and gate to Argentina, is the most European city in Latin America. It is a singular, open and integrating destination that allows visitors not only to view the city but also to live an exceptional urban adventure. Buenos Aires is the leader in Latin America regarding to art, culture and tradition. Its night is a legend of its own, filled with lights, magic and mystery. You can choose from a diversity of art expositions, museums and entertainment, including a typical and exciting football game.

IAG2009 will be an event that covers the whole of geodesy in an exciting social environment that extends our knowledge, improves our practice, and widens our friendship networks. Following the long outstanding tradition of these scientific assemblies, IAG2009 will be a major scientific event, bringing together geodesists from all over the world, and demonstrating the vital role that geodesy plays in our society. This will be the main geodetic meeting in 2009. We do hope that you will make it a priority to attend.

The Scientific Programme

The scientific programme will be developed under the theme of "Geodesy for Planet Earth" referencing the International Year of Planet Earth (IYPE). It will provide an opportunity to present the latest research in Geodesy and will be enriched by a focus on Geodesy in South America to discuss all the research and projects in this zone.

Please monitor the web site for conference details: www.iag2009.com.ar

Welcome to our site and see you in Buenos Aires!

Important information: The *Scientific Program* for the IAG 2009 Scientific Assembly "Geodesy of Planet Earth" is currently being finalized and will be included in the 2nd Circular which will be sent out in **September 2008**.

Local Organizing Committee:
MARÍA CRISTINA PACINO
ALFREDO AUGUSTO STAHLSCHMIDT
EDUARDO ANDRÉS LAURÍA
CLAUDIA NOEMÍ TOCHO
SERGIO RUBÉN CIMBARO

Assembly Secretary:
HERMANN DREWES

IAG Sponsored Meetings

Geodesy for Planet Earth

*IAG 2009 Buenos Aires
August 31 to September 4, 2009*

The International Association of Geodesy Scientific Assembly IAG2009 that will be hosted by the IUGG National Committee together with the Argentine Association of Geophysics and Geodesy, will take place in the

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IAG Related Meetings

16th International Workshop on Laser Ranging

13-17 October 2008, Poznan, Poland

The next International Workshop on Laser Ranging will be held in Poznan Poland (15 km from the Borowiec SLR station) on October 13-17, 2008. (note new dates). The theme of this year's workshop is "SLR, The Next Generation". The first circular will be issued soon.

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.

21st CODATA International Conference

5-8 October 2008, Kyiv, Ukraine

CODATA - International Council for Science : Committee on Data for Science and Technology's 21st International Conference: "Scientific Information for Society - from Today to the Future" will be held in Kyiv, Ukraine. Visit <http://www.codata.org/08conf/index.html> for more information.

UN-SPIDER Bonn Workshop

October 13-15 2008, Bonn, Germany

The Second United Nations International UN-SPIDER Bonn Workshop: "Disaster Management and Space Technology – Bridging the Gap" to be held in Bonn, Germany from 13-15 October 2008. The workshop will be organised by the United Nations Office for Outer Space Affairs (UNOOSA) and the German Aerospace Center (DLR) and will build on top of the first workshop held in Bonn last year. More information on the workshop is available on the website www.unspider.org.

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>.

ACM GIS 2008

November 5-7, 2008, Irvine, CA, USA

The ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems 2008 (ACM GIS 2008) is the sixteenth event of a series of symposia and workshops that began in 1993 with the aim of bringing together researchers, developers, users, and practitioners carrying out research and development in novel systems based on geo-spatial data and knowledge, and fostering interdisciplinary discussions and research in all aspects of geographic information systems. Additional information is available through the webpage <http://acmgis08.cs.umn.edu/>.

Digital Earth Summit on Geoinformatics: Tools for Global Change Research

November, 12-14, 2008, Potsdam, Germany

The summit will be held in Wissenschaftspark Albert Einstein, Potsdam, Germany from 12-14 November 2008. It will bring together leading scientists from Geoinformatics and Global Change research and will foster the exchange of ideas, cooperation between so-far disjoint scientific fields and provide time for in-depth discussion. For details please visit the webpage of conference, www.isde-summit-2008.org.

SCSS 2008

December 5-13, 2008, e-conference

The Fourth International Conference on Systems, Computing Sciences and Software Engineering SCSS 2008 provides a virtual forum for presentation and discussion of the state-of-the-art research on Systems, Computing Sciences and Software Engineering. SCSS 2008 is one of the sub-conferences in the CISSE series of international joint e-conferences. SCSS 08 provides a virtual forum for presentation and discussion of the state-of-the-art research on computers, information and systems sciences and engineering. The virtual conference will be conducted through the Internet using web-conferencing tools, made available by the conference. Authors will be presenting their PowerPoint, audio or video presentations using web-conferencing tools without the need for travel. The website of the conference is <http://www.cisse2008online.org>.

GEOWS 2009

February, 1-6, 2009, Cancun, Mexico

GEOWS 2009, The International Conference on Advanced Geographic Information Systems & Web Services will be held in Cancun, Mexico between 1-6 February 2009. Conference details and call for papers are reachable from the webpage <http://www.iaria.org/conferences2009/GEOWS09.html>.

Munich Satellite Navigation Summit 2009

March, 3-5, 2009, Munich, Germany

The Munich Satellite Navigation Summit 2009 – the seventh one, to be held March 3-5, 2009 in the famous “Residenz München”, Germany – has been established as the European and International conference with global impact featuring invited high-ranking worldwide speakers from industry, science and governments dealing with the directions of satellite navigation now and in the future. Emphasizing a future trend in satellite navigation, this year’s Summit will focus on special sessions on safety and security, in particular also on the use of the Galileo Public Regulated Service (PRS). Please visit <http://www.munich-satellite-navigation-summit.org/Summit2009/> for details.

6th International Symposium on Mobile Mapping Technology – MMT’09

July 21-24, 2009, Presidente Prudente, São Paulo, Brazil

The 6th International Symposium on Mobile Mapping Technology “Mobile Mapping Serving the Information Society” will take place in Presidente Prudente, São Paulo, Brazil, July 21-24, 2009. The main objective of the conference is to discuss the most recent technology and its application, to exchange experiences and to promote future research aiming at the development and the production in the fields related to mobile mapping. You may want to check out the website <http://www.fct.unesp.br/eventos/simposio/mmt09/ingles> to get preliminary information on MMT’09.

IGG 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