



International Association of Geodesy

Newsletter

April 2014

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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

Publications of the IAG Symposia series

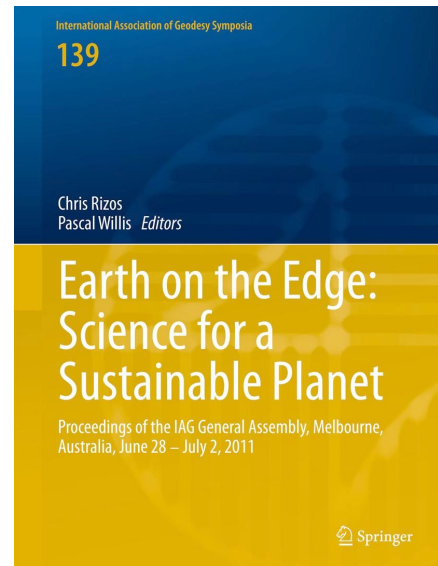
IAG Symp. 139

Volume related to the IUGG General Assembly held in Melbourne, Australia from June 28 to July 7, 2011 is named "Earth on the Edge: Science for a Sustainable Planet" (Eds. Chris Rizos, Pascal Willis), 2014. It contains 617 pages and 429 illustrations, including 218 in colour.

This volume is now published online and in print. Articles from this volume should be referenced in ISI Web of Science (Conference Proceedings Citation Index – Science = CPCI-S) and Scopus, GoogleScholar, as well as many other bibliographic databases.

Full volume is available online at the following URL : <http://www.springer.com/earth+sciences+and+geography/geophysics/book/978-3-642-37221-6>

Participants at this meeting can purchase this volume at a specific discounted price and have already been contacted by Hermann Drewes drewes@dgfi.badw.de about this offer.



IAG Symp. 140

Following the First International Workshop on the Quality of Geodetic Observation and Monitoring Systems (QuGOM'11), held in Garching/Munich, Germany from April 13-15, 2011, 24 articles were accepted for publication. Editors are Hansjörg Kutterer, Florian Seitz, Hamza Alkhatib, and Michael Schmidt.

IAG Symp. 141

Following the International Symposium on Gravity, Geoid and Height Systems (GGHS 2012) held in Venice, Italy from October 9-12, 2012, 42 manuscripts were accepted. Main editor is Urs Marti. Co-editors are Riccardo Barzaghi, Oliver Baur, Carla Braitenberg, Jianliang Huang, Shuanggen Jin, Isabelle Panet, Laura Sánchez, Herbert Wilmes.

IAG Symp. 142

Following the VIIIth Hotine-Marussi, held in Rome, Italy, June 17-21, 2013, 49 manuscripts were submitted. Submission Web site is now closed and a few articles are still under review. Main Editor is Nico Sneeuw. Co-editors are A. Dermanis, Mattia Crespi, Robert Čunderlík, Richard Gross, Thomas Hobiger, Wieslaw Kosek, Pavel Novák, Eric Pottier, Fernando Sansò, Michael Schmidt, Matthias Weigelt.

IAG Symp. 143

Following the IAG Scientific Assembly held in Potsdam, Germany from September 1-6, 2013, 124 were submitted through the Springer submission Web site: <http://www.editorialmanager.com/iags>, which is now closed for submission. Review process is in progress.

IAG Symp. 144

The next volume of the IAG Symposia Series will be related to the REFAG 2014 symposium (Reference Frames for Applications in Geosciences) that will be organized from 14 to 17 October 2014 in Luxemburg by the IAG Commission 1. Main Editor will be Tonie van



Dam. Submissions are expected by November 30, 2014 using the Springer Web site:
<http://www.editorialmanager.com/iags/default.asp>.

CHRIS RIZOS (Editor)
PASCAL WILLIS (assistant Editor-in-Chief)

Meeting Announcements

ESA International Summerschool on GNSS 2014

*in conjunction with the JRC SUMMERSCHOOL ON GNSS
in cooperation with Stanford University, Institut Supérieur de l'Aéronautique et de l'Espace (ISAE), Toulouse,
Graz University of Technology, University FAF Munich
supported by the Czech Republic Ministry of transport, The Technical University of Ostrava
at Campus of the Technical University of Ostrava, Czech Republic
21- 31 July 2014*

It is the objective of this Summer School to provide the attendees with a comprehensive overview on satellite navigation, starting from the GNSS system, its signals, the processing of the observations in a receiver and finally determining the position-navigation-time (PNT) solution. Many lab work will be carried out to get attendees really "hands-on". In addition, lectures on Intellectual Property Rights (IPR) and Patents as well as on business aspects are given. The future of satellite systems is also discussed. Main emphasis will be put on the development of a group project using innovative ideas and covering all aspects from the idea, business plan, technical realisation till the marketing of the product or the service.

The program is open to graduate students (with a first university degree), Ph.D. candidates, early-stage researchers and young professional willing to broaden their knowledge.

International renowned scientists and specialists will give the lectures as well as the practical exercises and lab work.

The following participants can register for the ESA Summer School:

- Graduate students (more than 3 years studies)
- PhD students and postdoctoral researchers (< 35 years)
- Young engineers and professionals from industry and agencies (< 35 years)

The number of participants is limited to 50 - early registration (reduced rate) is recommended (first come - first serve).

For more information on the detailed programme, and to register for the ESA/ JRC Summer School, please go to:
<http://www.congrexprojects.com/2014-events/14m34/introduction>

ESA

Meetings Calendar

European Geosciences Union General Assembly 2014

April 27 – May 2, 2014, Vienna, Austria

URL: <http://www.egu2014.eu/>

GNSS : Principles, Augmentation and Evolutions of EGNOS

May 12- 23, 2014, Toulouse, France

URL: <http://www.formationcontinue-enac.fr/co/WORKGNSSEXT.html>

30th IUGG Conference on Mathematical Geophysics

June 2- 6, 2014, Merida Yucatan, Mexico

URL: <http://eventos.iingen.unam.mx/IUGG2014/>

EUREF Symposium 2014

June 4- 6, 2014, Vilnius, Lithuania

URL: http://www.euref.eu/euref_symposia.html

ICC&GIS 2014

June 15-21, 2014, Riviera, Bulgaria

5th Jubilee International Conference on Cartography & GIS

URL: www.iccgis2014.cartography-gis.com

IGS Workshop 2014

June 23-27, 2014, Pasadena, CA, USA

URL: <http://igsceb.jpl.nasa.gov/pipermail/igsmail/2013/008013.html>

The 3rd International Gravity Field Service (IGFS) General Assembly

June 30-July 6, 2014, Shanghai, China

URL: <http://202.127.29.4/meetings/igfs2014/index.html>

International Symposium on Certification of GNSS Systems & Services

July 8 - 9, 2014, Dresden, Germany

URL: <http://www.dgon-cergal.org/>

GENAH 2014

July 22-25, 2014, Matsushima, Miyagi, Japan

International Symposium on Geodesy for Earthquake and Natural Hazards

URL: <http://genah2014.jpn.org/index.html>

AOGS 11th Annual Meeting

July 28-August 1, 2014, Sapporo, Japan

URL: <http://www.asiaoceania.org/aogs2014/public.asp?page=home.htm>

40th COSPAR Scientific Assembly

August 2-10, 2014, Moscow, Russia

URL: <http://www.cospar-assembly.org/>

XXXI General Assembly and Scientific Symposium of the IUGG

August 16-23, 2014, Beijing, China

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

3rd International School on "Least Squares Approach to Modelling the Geoid"

August 18-22, 2014, Stockholm, Sweden

URL: <http://www.kth.se/en/abe/inst/som/avdelningar/geo/geodesi/handelser-1.78120>

18th WEGENER General Assembly: Measuring and Modelling our Dynamic Planet

September 1-4, 2014, Leeds, UK

URL: <http://see.leeds.ac.uk/wegener/>

Summer school on "GRACE/GRACE-FO applications for the terrestrial water cycle"

September 15-19, 2014, TBD, Germany

URL: <http://www.massentransporte.de/index.php?id=28>

Journees 2014 "Systemes de reference spatio-temporels"

September 22-24, 2014, Pulkovo Observatory, St. Petersburg, Russia

URL: <http://journees2014.gao.su/>

Eighth FORMOSAT-3/COSMIC Data Users' Workshop

September 30 – October 2, 2014, Boulder, USA

URL: www.cosmic.ucar.edu/workshop_2014/

INTERGEO / Geodätische Woche

October 7-9, 2014, Berlin, Germany

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

European VLBI Network (EVN) Symposium

October 7-10, 2014, Cagliari, Italy

URL: <http://www.evlbi.org/meetings/meetings.html>

REFAG2014

October 13-17, 2014, Luxembourg

IAG Commission 1 Symposium 2014 "Reference Frames for Applications in Geosciences"

URL: <http://iag.uni.lu/index.php?id=189>

The Climate Symposium 2014

October 13-17, 2014, Darmstadt, Germany

URL: <http://www.theclimatesymposium2014.com>

SARAL/AltiKa Workshop

October 27, 2014, Konstanz, Germany

URL: <http://www.ostst-altimetry-2014.com/>

IDS Workshop

October 27-28, 2014, Konstanz, Germany

URL: <http://www.ostst-altimetry-2014.com/>

19th International Workshop on Laser Ranging

October 27-31, 2014, Greenbelt, MD, USA

URL: <http://ilrs.gsfc.nasa.gov/about/meetings.html>

Ocean Surface Topography Science Team (OSTST) meeting

October 28-31, 2014, Konstanz, Germany

URL: <http://www.ostst-altimetry-2014.com/>

Digital Earth Summit 2014

November 9-11, 2014, Nagoya, Japan

URL: <http://gis.chubu.ac.jp/summit2014/>

Third International VLBI Technology Workshop

November 10-13, 2014, Groningen/Dwingeloo, Netherlands

URL: <http://www.jive.nl/ivtw2014/>

ISPRS Technical Commission I Symposium Sustaining Land Imaging: UAVs to Satellites

November 17-20, 2014, Denver, Colorado, USA

URL: <http://www.commission1.isprs.org/>

ICSU GRC Conference "Improving Geophysical Risk Assessment, Forecasting and Management"

November 18-21, 2014, Madrid, Spain

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

Symposium SIRGAS 2014

November 24-26, 2014, La Paz, Bolivia

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

11th International Conference on Location-based Services

November 26-28, 2014, Vienna, Austria

URL: <http://www.lbs2014.org/>

AGU 2014 Fall Meeting

December 15-19, 2014, San Francisco, CA, USA

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

18. Internationale Geodaetische Woche ObergurqI

February 8 – 14, 2015, Obergurgl, Austria

URL: <http://www.mplusm.at/ifg/>

European Geosciences Union General Assembly 2015

April 12 – 17, 2015, Vienna, Austria

URL: <http://www.egu.eu>

22nd Meeting of the European VLBI Group for Geodesy and Astrometry (EVGA)

May 17 – 21, 2015, Ponta Delgada, Azores, Portugal

URL: <http://evga2015.raege.net/>

XXVI IUGG General Assembly

June 22 – July 2, 2015, Prague, Czech Republic

URL: <http://www.iugg.org/assemblies/>

XXIXth IAU General Assembly

August 3 – 14, 2015, Honolulu, Hawaii, USA

URL: http://www.iau.org/science/meetings/future/general_assemblies/1024/

41th COSPAR Scientific Assembly

July 30 – August 7, 2016, Istanbul, Turkey

URL: <http://www.cospar-assembly.org/>

Reports

Munich Satellite Navigation Summit 2014

March 25 – 27, 2014, Munich, Germany

Reports by Tony Murfin “[A Professional OEM View of the Munich Summit](#)” and “[GNSS Future Glimpsed at Summit in Munich](#)” has been published in GPS World’s new European GNSS & Earth Observation Report (EAGER) newsletter.

SOURCE: GPSWORLD.COM