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Foreword



This issue of the IASPEI Newsletter is “light”, but I decided to send it out anyway, since it contains several job opportunities and info on new conferences.

I am still sending out the Newsletter as an attachment to an e-mail, trying to limit its size. It can also be downloaded from the IASPEI website:

<http://www.iaspei.org/newsletters/newsletters.html>

Please visit the website special pages on our last Cape Town Scientific Assembly including abstracts, Plenary and Keynote lectures, Resolutions and a photo-gallery

www.iaspei.org/cape_town_2009/cape_town_2009.html).

The IASPEI Newsletter is distributed to National Correspondents and other national representatives we know of, to all IASPEI officers, to IASPEI scientists who attended recent IASPEI Assemblies, and to various research organisations in countries around the world.

Peter Suhadolc
Secretary General

AGU International Newsletter

The AGU’s Committee on International Participation (CIP) has recently published the first issue of its newsletter, the “International Earth and Space Sciences”. This electronic newsletter will serve as a vehicle to distribute and share information on international activities of AGU and other national, regional and international societies, and provide a forum for presentation and discussion on topics of interest and relevance to the Union’s international members.

It can be found on the AGU home page and also has a link on the CIP page:

http://www.agu.org/about/leadership/committees_boards/policy/cip.shtml

Contributed by: Jaime Urrutia-Fucugauchi
AGU International Secretary
Chair, Committee on International Participation

Book Re-publication

Seismic Waves in Stratified Media By B.L.N. Kennett

Seismic Wave Propagation in Stratified Media presents a systematic treatment of the interaction of seismic waves with Earth structure. The theoretical development is physically based and is closely tied to the nature of the seismograms observed across a wide range of distance scales – from a few kilometres as in shallow reflection work for geophysical prospecting, to many thousands of kilometres for major earthquakes. A unified framework is presented for all classes of seismic phenomena, for both body waves and surface waves.

Since its first publication in 1983 this book has been an important resource for understanding the way in which seismic waves can be understood in terms of reflection and transmission properties of Earth models, and how complete theoretical seismograms can be calculated. The methods allow the development of specific approximations that allow concentration on different seismic arrivals and hence provide a direct tie to seismic observations.

This 1983 classic book has been out of print for a number of years and has now been reset and published through the ANU E-Press:
http://epress.anu.edu.au/seismic_citation.html

The book can be freely downloaded from the ANU E-Press site, or alternatively copies can be produced through a print on demand system for A\$24.95 plus postage and packing.

Job Opportunities

Associate Professor in Earthquake Seismology

An Associate Professor in earthquake seismology Position is open at the Department of Earth Science, University of Bergen.

The position announcement can be found in the following link:

<https://secure.jobbnorge.no/visstilling2.aspx?stillid=58056>

Contact person: Kuvvet Atakan
<kuvvet.atakan@geo.uib.no>

ERC-funded GLOBALSEIS project

Announcement for Students/postdocs.

Website: <http://geoazur.oca.eu/spip.php?rubrique333>

Contact person: Guust Nolet (nolet@geoazur.unice.fr)

Postdoctoral Position in Applied, Engineering, and Environmental Geophysics

The Applied and Environmental Geophysics (AUG) Group at ETH (Swiss Federal Institute of Technology) in Zurich has an opening for a gifted young geophysicist at the post-doctoral level. The appointment will be for two years. We seek an excellent scientist who has expertise and interests in practical aspects of applied, engineering, and environmental geophysics (including hydrogeophysics). The successful candidate will participate in the teaching of courses that contribute to a joint MSc degree program in Applied Geophysics that is run by ETH and colleagues at the Technical University of Delft (TUD) and the Aachen University of Technology (RWTH). He/she will also be expected to initiate and conduct his/her own research projects and co-supervise undergraduate- and graduate-level thesis projects. Good knowledge of English is essential and it would be an advantage, although not essential, to have a working understanding of German. At the time of appointment, the successful candidate must have a doctoral degree in geophysics or related subject.

Information on AUG's research activities can be found at <http://www.aug.geophys.ethz.ch/> and the joint MSc degree at <http://www.idealeague.org/geophysics/>.

The deadline for submission of applications is September 15 and the expected start date is January 1 or shortly thereafter.

To apply please email your resume together with the names, telephone numbers, and e-mail addresses of two referees to:

Professor Alan G. Green (green@aug.ig.erdw.ethz.ch)

Doctorate School in Seismic Risk

The University "Federico II" in Naples (Italy) has published the call for the selection of a student for the 3-years Doctorate School in Seismic Risk. You can download and print the advertisement at http://people.na.infn.it/~zollo/DOTT_RS/Locandina-seis_risk.pdf

The call is reserved to not-Italian citizens who have received in their country the required educational qualification (graduate and/or master degrees). An institutional fellowship support is available for the selected candidate. The deadline for presenting the application is September 2nd, 2009. Further information, the application form and instructions for the candidature submission are available at the web address: www.unina.it/studentididattica/postlaurea/dottorato/en/index.jsp

Contact person: Aldo Zollo (aldo.zollo@unina.it)

New Meetings

Earthquakes and pre-earthquake processes 30 October 2009, Reykjavík, Iceland

The conference marks the centennial of earthquake monitoring in Iceland and is held in memory of Sigurður Th. Rögnvaldsson, geophysicist, who died in 1999. He was highly respected in earthquake research in Iceland.

Overview lectures, 25 to 30 minutes in length, will be held on the history of seismological observations in Iceland, the development of earthquake research and earthquake prediction research, including talks on all varieties of measurements and research that promote and improve earthquake prediction. Posters with research overviews, or more detailed information on individual research projects are also welcome. Researchers interested in participating in the conference by giving a lecture or presenting a poster are encouraged to submit an abstract to JSR2009@vedur.is by 31 August 2009.

A one day excursion to the source areas of the earthquakes of 2000 and 2008 will be organized. The

meeting provides an opportunity to discuss past and future collaboration in earthquake prediction research.

Website: <http://en.vedur.is/earthquakesandvolcanism/conferences/jsr2009>

Contact person: Steinunn S. Jakobsdóttir
The Icelandic Meteorological Office.

Workshop on Active Tectonic Studies and Earthquake Hazard Assessment in Syria and Neighboring Countries
17 - 19 November 2009, Damascus, Syria

Workshop Description and objectives

The Dead Sea Fault System (DSFS) ranks among the largest strike-slip fault systems in the world and represents a key element of the eastern Mediterranean seismotectonic framework. The fault system accommodates ~5 mm/year of left lateral motion between the Arabian and African (Sinai) plates along much of its length. Intracontinental deformation (Palmyrides, Abdel-Aziz and Sinjar structures), caused by plate boundary processes extending into the plate interior, dominates the past and present tectonics of Syria and surrounding areas.

Recent debates concerning the slip rate and kinematics of the DSFS attest to the limited understanding of it as an active and seismogenic system. In particular, there has been debate about whether the active plate boundary is mainly represented by the northern DSFS or whether active deformation is partially concentrated offshore to the west.

The workshop aims to bring together earth scientists working on aspects of seismology, active tectonics, space geodesy, remote sensing, paleoseismology and geodynamics, to address issues concerning the tectonic evolution of the eastern Mediterranean and northern Arabian plate, with results relevant to tectonic and seismotectonic modeling, lithospheric structure, earthquake hazard evaluation, and exchanging related ideas and techniques.

The Workshop is the second in the ASST's Earth Science series and will include contributions from a core group of internationally recognized geoscientists working with the Syrian National Earthquake Center (NEC) and coming from prestigious Universities and research centers in USA, France, United Kingdom, Italy and Turkey.

Abstracts (1 or 2 pages maximum) are required for both oral and poster presentations. They should be sent accompanied with the attached application form to the e-mail addresses asst@arabschool.org.sy and asst@net.sy, or by fax at the ASST fax number before **15 August 2009**. Abstracts will be reviewed by the scientific committee on the basis of their scientific content and compliance with the objectives and scope of the workshop. Authors will be notified of the decision

of the committee no later than **15 September 2009**.

The papers or the extended abstracts (3-10 pages including references, tables, figures and photos) should be submitted in an electronic format (Microsoft Word) to the e-mail addresses asst@arabschool.org.sy and asst@net.sy before **15 October 2009**. Short abstracts, papers and posters should be written in English.

Deadlines

15 August 2009: Submitting application forms

15 August 2009: Submitting short abstracts

15 September 2009: Notification of accepted abstracts and applicants.

15 October 2009: Submitting extended abstracts

Website: <http://www.arabschool.org.sy/earthquake/>

Contact persons: Dr. Mohamad Daoud and Muawia Barazangi (mb44@cornell.edu)

95th Journées Luxembourgeoises de Géodynamique

November 9 to 11, 2009, Trifolion conference center, Echternach, Luxembourg

For participants giving presentations, ECGS will cover accommodation costs as well as the meals. A limited number of travel grants is also available (number depends on budgetary constraints). As the JLG meetings are traditionally intended to be interdisciplinary, we explicitly welcome contributions from different fields. So far, two special sessions are also intended:

Special session I: Deep structure of the Upper Rhine Graben

Special session II: Earthquake ground motions & seismic hazard - from source dynamics to site amplification

Abstract deadline: August 31, 2009.

Website: <http://www.ecgs.lu/index.php?option=news&task=viewarticle&sid=20>

Contact persons: Mrs. Corine Galassi (corine.galassi@ecgs.lu), Dr. Adrien Oth (adrien.oth@ecgs.lu)

XIX Congress of the Carpathian Balkan Geological Association (CBGA 2010)

September 23-26, 2010, Thessaloniki, Greece

INFORMATION:

Download the Second Circular at:

<http://www.cbga2010.org/Documents.htm>

Register at <http://www.cbga2010.org/Registration.htm>

Contact the Organizing Committee at info@cbga2010.org

IMPORTANT DATES:

November 30, 2009: Full paper submission
November 30, 2009: Early registration
April 30, 2010: Abstract submission
April 30, 2010: Normal registration
September 23-26, 2010: CBGA 2010 Congress
September 27-30: CBGA 2010 Field trips

Contact person: Dr. Alexandros Chatzipetros
(info@cbga2010.org)

Meetings Calendar

A calendar of scientific meetings relevant to the interests of IASPEI scientists is maintained at:

<http://www.iaspei.org/meetings/forthcoming.html>

where more details can be found. We report below just the titles, dates, places and websites of the forthcoming meetings.

2009

AOGS2009 – 6-th Annual General Meeting

11-15 August 2009, SUNTEC Singapore

Abstract Submission - Opens 15 Jan 2009

Enquiries & Assistance - Please Email

info@asiaoceania.org

Website:

<http://www.asiaoceania.org/aogs2009/index.asp>

The 5th International Symposium on Tibetan Plateau / The 24th Himalaya-Karakorum-Tibet Workshop

11 – 14 August, 2009, Beijing, China

Website: http://www.itpcas.ac.cn/5istp_24hkt

Contact persons: Prof. Zhu, Liping

<lpzhu@itpcas.ac.cn>, Prof. Fang, Xiaomin

<fangxm@itpcas.ac.cn>

Advanced Workshop on Evaluating, Monitoring and Communicating Volcanic and Seismic Hazards in East Africa

August 17 - 28, 2009, Trieste, Italy.

The Abdus Salam International Center for Theoretical Physics.

Organizer(s): Directors: K. Aoudia, E. Calais, C.

Ebinger, T. Wright, G. Yirgu

Contact E-mail: smr2053@ictp

Web-Page: <http://www.ictp.it>

1st International Workshop on Earthquake Archaeology and Palaeoseismology

September 7-13, 2009, ancient Roman city of Baelo

Claudia, Cádiz, Southern Spain

Deadline for regular registration, payment and abstract submission: June, 15th

For more information on the Workshop, please visit the website: <http://baelo2009.org/>

Contact person: **Christoph Grützner**
c.gruetzner@nug.rwth-aachen.de

International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region 500th Anniversary Year of the 1509 September 10, Marmara Earthquake

September 10 – 12, 2009, Istanbul Technical University, İSTANBUL – TURKEY

Website: <http://www.1509.itu.edu.tr>

Contact person: Dr. Tuncay Taymaz (1509@itu.edu.tr, taymaz@itu.edu.tr)

Climate Forcing of Geological and Geomorphological Hazards?

15 - 17 September 2009, University College London, UK

The Third Johnston-Lavis Colloquium, on the theme of *Climate Forcing of Geological and Geomorphological Hazards*, will address relationships between past and contemporary climate change and the triggering of hazardous geological and geomorphological phenomena. The meeting is supported by the UK Met Office, the British Geological Survey, the British Antarctic Survey and UCL and Oxford universities.

SESSIONS

S1. Past climate change and geological and geomorphological hazards

S2. Feedback effects and climate modification

S3. Short time-scale drivers of geological and geomorphological hazards

S4. Climate change forcing of geological and geomorphological hazards

Early-bird registration and abstract deadline:

6 July 2009

Contact email: w.mcguire@ucl.ac.uk

For further information go to: <http://www.abuhrc.org>

Earthquakes and pre-earthquake processes

30 October 2009, Reykjavík, Iceland

Website:

<http://en.vedur.is/earthquakesandvolcanism/conferences/jsr2009>

Contact person: Steinunn S. Jakobsdóttir,

ssj@vedur.is The Icelandic Meteorological Office.

IRIS/ORFEUS Metadata Workshop - Managing Waveform Data and Related Metadata for Seismic Networks

November 8-17, 2009, Helwan, Cairo, Egypt

More Information can be obtained at:

www.iris.edu/workshops/2009/metadata/

95th Journées Luxembourgeoises de Géodynamique

November 9-11, 2009, Trifolion conference center, Echternach, Luxembourg

Website:

<http://www.ecgs.lu/index.php?option=news&task=viewarticle&sid=20>

Contact persons: Mrs. Corine Galassi
(corine.galassi@ecgs.lu), Dr. Adrien Oth
(adrien.oth@ecgs.lu)

Workshop on Active Tectonic Studies and Earthquake Hazard Assessment in Syria and Neighboring Countries

17 - 19 November 2009, Damascus, Syria

Website: <http://www.arabschool.org.sy/earthquake/>

Contact persons: Dr. Mohamad Daoud And Muawia Barazangi (mb44@cornell.edu)

2010

2010 AGU Joint Assembly in Brazil

August 8-13, 2010, Iguassu Falls, Brazil

Call for session proposals:

www.geophysics2010.org

Enquiries: Marcelo S. Assumpcao

<marcelo@iaq.usp.br>

European Conference on Earthquake Engineering

August 30 – September 3, 2010, Ohrid, Republic of Macedonia

The organiser of the conference is the Macedonian Association for Earthquake Engineering (MAEE), under the auspices of EAEE.

Conference website: <http://www.14ecee.mk>

ESC2010 (European Seismological Commission 2010)

September 5-9, 2010, Montpellier, France

Venue: Corum Conference Centre

Contact: Rémy Bossu (bossu@emsc-csem.org)

XIX Congress of the Carpathian Balkan Geological Association

23-26 September 2010, Thessaloniki, Greece

Web: www.cbga2010.org

Email: info@cbga2010.org

General Information about IASPEI

The International Association of Seismology and Physics of the Earth's Interior is one of the eight Associations of the International Union of Geodesy and Geophysics [IUGG].

The other IUGG Associations are:

International Association of Cryospheric Sciences [IACS]

International Association of Geodesy [IAG]

International Association of Hydrological Sciences [IAHS]

International Association of Meteorology and Atmospheric Sciences [IAMAS]

International Association for the Physical Sciences of the Oceans [IAPSO]

International Association of Geomagnetism and Aeronomy [IAGA]

International Association of Volcanology and Chemistry of the Earth's Interior [IAVCEI]

Scientific Assemblies

IASPEI holds an Ordinary General Assembly every four years in conjunction with each Ordinary General Assembly of IUGG. Between the General Assemblies, IASPEI holds a Scientific Assembly, sometimes meeting with one of the other Associations of IUGG.

Participation in IASPEI Activities

IASPEI welcomes all scientists throughout the world to join in research into Seismology. IASPEI is subdivided into a number of Commissions, many of which have working groups for the study of particular subjects in their general areas of interest. On occasion, these internal IASPEI groups issue their own newsletters or circulars and many maintain their own web sites. At the IASPEI Assemblies, the groups organize specialist symposia, invite scholarly reviews and receive contributed papers that present up-to-the-minute results of current research. The IASPEI web site gives, or provides links to, information on the range of IASPEI activities.

The IASPEI Web site

Information on IASPEI can be found at: <http://www.iaspei.org/>

Contacting IASPEI

The Secretary-General is the main point of contact for all matters concerning IASPEI.

Prof Peter Suhadolc

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