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Message from the IASPEI President



Dear Colleague,

As preparations for the IASPEI General Assembly in January 2009 accelerate, I wish to acknowledge the great efforts of Dr. Michelle Grobbelaar and the LOC members, together with our Secretary General and others, who are working on

the planning and organization of this meeting.

The history of IASPEI marks the progress of seismology and physics of the Earth's interior as well as the continuous efforts of seismologists worldwide to promote scientific advancement and international cooperation. In particular, past assemblies of our Association recorded some historic advancements in seismology, as can be seen from the 1957 IUGG Assembly at which K. E. Bullen gave the famous address "Seismology in our atomic age", and the 1960 IASPEI Assembly at which the results of the free oscillation of the Earth caused global attention. Half a century having passed, these exciting assemblies are still in our memory. Obviously it is hard to predict the breakthroughs in science. But it is almost sure that every meeting of scientists will provide good opportunities for stimulating discussion. And I believe that the efforts made by all of us, including you, will bring about an exciting and successful Assembly in Cape Town.

Taking this opportunity may I also express my sincere hopes for you to provide IASPEI with your suggestions, specific or general, concise or detailed, on the missions you deem IASPEI should have, or on how to improve what IASPEI is already doing in order to better serve our seismological community.

Dr. Wu Zhongliang, President



Foreword

This issue of the IASPEI Newsletter is brought to you in a new vest prepared by our

webmaster Alice Walker. I am sure you will like it and I thank Alice very much for it. The issue is mainly concerned with the preparations for the IASPEI General Assembly to be held in Cape Town, South Africa, January 10-16, 2009.

A variety of hotel accommodation is offered at special prices and all travel needs can be booked online. Please have a look at the conference website

www.iaspei2009sa.com/

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

Preparations for the IASPEI General Assembly in Cape Town, 10-16 January 2008



Time and Place

IASPEI's General Assembly in 2009 will be held in Cape Town, South Africa, 10-16 January 2009. The scientific sessions will be held at the Cape Town International Convention Centre. Situated on the outskirts of the Central Business District, the Cape Town International Convention Centre (CTICC) is close to the vibrant beat of the city's heart. At its official opening, President Thabo Mbeki called the development 'a symbol of hope, a symbol of our glorious past, a symbol of modernity and a symbol of future prosperity'.

The CTICC is designed to meet the varied needs of its delegates and visitors. Its subdivisible, multi-use convention facilities - and dedicated exhibition area - create an environment that allows for multiple events and functions.

The two auditoria, which offer excellent technological infrastructure and superb acoustics, provide tiered seating for large plenary sessions, lectures, product launches, award evenings and theatre productions. Situated on opposite ends of the building, both auditoria can be utilized simultaneously while still allowing delegates breathing space. Design details such as writing tablets attached to the seats add a final quality touch.

The IASPEI 2009 Opening and Closing ceremonies shall be held in Auditorium II which seats 620 delegates and is also equipped with a stage, screen, six interpreting booths, and a projection room.

This Auditorium is ideally located off the Strelitzia Conservatory and can be accessed from Level 1 of the centre. The Conservatory is the ideal pause point between busy conference schedules - enjoy some refreshments, and relax.

Spacious and deluxe meeting and function rooms of varying sizes include four Meeting Rooms, each accommodating up to 330 delegates. The Meeting Rooms are sub-divisible and can be set up for a variety of configurations. A diverse number of

dedicated conservatories and landings complement the meeting requirements of event organisers.

Local Organizing Committee

Dr. G Graham (Chairperson)
Mr. J Botha
Ms. L Brink (secretary)
Mr. E Bungare
Dr. A Cichowicz
Ms. J Cole
Mr. E Daudi
Dr. C de Beer
Mr. E de Kock
Prof. P Dirks
Ms. M Grobbelaar (coordinator)
Dr. L Linzer
Mr. M Muundjua/ Mr D. Hutchins
Ms. J van Wyk

Email: iaspei2009@geoscience.org.za

Assembly web site: <http://www.iaspei2009sa.com/>

Scientific Programme

The scientific programme is being finalized. We report below the titles of the symposia/workshops. The scopes and conveners will be posted soon on the conference website and will be reported in the next IASPEI Newsletter.

IASPEI Scientific Program for Cape Town 2009

SEISMICITY, NETWORKS (S)

- S1 Symposium on Seismological Observation and Interpretation
- S2 Large Historical Earthquakes in Africa, Historical Seismology, Paleoseismicity
- S3 Seismicity, Seismic Hazard and Regional Co-operation in North Africa
- S4 Induced seismicity
- S5 Intraplate seismicity
- S6 Recent Large Earthquakes
- S7 Regional Seismicity and Volcano Seismology
- S8 Arrays, Networks, Instrumentation and Stations in Africa
- S9 Extending land networks into the sea and oceans
- S10 Scientific and technical advances in seismology and their relevance to the CTBT

LITHOSPHERE STRUCTURE (L)

- L1 Structure and Dynamics of the Lithosphere: Observations, Modelling, and laboratory constraints
- L2 East African Rift System
- L3 Illuminating crust and upper mantle structure with large-scale seismic deployments

TSUNAMIS and ODP (T)

- T1 Tsunami in Africa - Indian Ocean, Atlantic, Mediterranean
- T2 Levering ODP boreholes and submarine cables

EARTHQUAKE SOURCE and PREDICTION (E)

- E1 Symposium on Earthquake sources: Modeling and Monitoring for Prediction
- E2 Geophysical anomalies and Earthquake prediction
- E3 Prospective Testing of Earthquake and Faulting Probability Models

GEODYNAMICS (G)

- G1 Earth Structure and Geodynamics

HEAT FLOW (H)

- H1 From Heat Flow to Geothermal Energy
- H2 Geothermal Studies: Instruments, Measurements, and Interpretation

HAZARD AND RISK (R)

- R1 Earthquake Hazard
- R2 Earthquake Risk
- R3 Workshop "Effects of Surface Geology"
- R4 Seismic Source Modelling and Ground Motion Prediction
- R5 Earthquake Risk Reduction and Preparedness: Socio-economic aspects, particularly in developing countries

APPLIED GEOPHYSICS (A)

- A1 Applied Geophysics: Electromagnetic prospecting of crustal structures
- A2 Geochemical and geophysical signatures of diamond fields

EDUCATION & OUTREACH (O)

- O1 Education and Outreach session: Capacity Building and capturing undergraduate students to geophysics/seismology
- O2 Discussion panels

Keynote Lectures

A series of Keynote lectures by prominent seismologists, Tom Jordan, Raoul Madariaga and Guust Nolet will be delivered.

Details of the programme and of the procedures for abstract submission, registration and grants are contained in the Assembly web site. In addition, information on the registration fee, accommodation, accompanying persons' programme and many other things are also available on the Assembly web site

<http://www.iaspei2009sa.com/>

Grants

IASPEI has for some years had a fairly good economy and has been able to support participants in each Assembly with a total of about USD 30,000 on average. Please apply for grants through the conference web site. Priority will be given to young researchers (age less than 35) and participants from less developed countries.

Young Scientists Summer School

The Young Scientists Summer School will be held at the Ritz hotel in Cape Town from January 19 to 24.

Please find below a list of the suggested lecturers for the summer training school:

Colin Reeves - Tectonics of the African Plate
Martin Mai - Source-Modeling for Near-Source Ground-Motion Prediction
Yehuda Ben-Zion - Physics of Earthquakes or Modern Perspectives on Crustal Dynamics
Artur Cichowicz - Mining Seismology
Aldo Zollo - Title to be defined
John Douglas - Title to be defined

In Memoriam - IASPEI Scientists

Carlo Morelli (1917 –2007)

Carlo Morelli was born in Trieste on October 10, 1917. He studied in Pisa at the Regia Scuola Normale Superiore where he obtained a degree in Mathematics and in Physics in 1940 and got a University teaching qualification in Earth Physics in 1948.

He was seismology assistant at the Trieste Seismic Station (1943), Assistant professor of Mathematics, Topography and Earth Physics at the University of Trieste and at the University of Padova (1944-1953). He was a founding member of the Engineering Faculty of the University of Trieste. From 1953 he was at the University of Bari, where he taught Geodesy and founded the "Istituto di Geodesia e Geofisica". He became Full professor of Earth Physics in Bari in 1956 and Dean of the Faculty of Science in 1962. He returned to the University of Trieste in 1963, to take the position of professor of Applied Geophysics. There he founded the "Istituto di Miniere e Geofisica Applicata" and, since 1993, he was acknowledged as Professor emeritus. In 1949 he founded in Trieste the Osservatorio Geofisico Sperimentale (OGS) and was its Director until 1963 and its President until 1975.

He was among the founding members of the following professional societies:

European Seismological Commission (ESC) of IASPEI, President (1986-90)

European Assoc. of Exploration Geophysicists (EAEG), President (1962-63)

European Geophysical Society, President (1973-76)

He served as President also in the International Gravity Commission (IGC) of the International Association of Geodesy (IAG) from 1967 to 1983, and as Vice-President of the UNESCO-Intergovernmental Oceanographic Commission (IOC) from 1970 to 1972.

From 1971 to his death he was member of the Editorial Board for the International Bathymetric Chart of the Mediterranean (IBCM) and Vice-Chairman of the Consultation Group for Ocean Mapping (CGOM) of IOC.

From 1978 to his death he was member of the National Group for Geophysics of the Solid Earth (NGGTS), and of the Italian Oceanographic Commission, CNR.

He was member of the Accademia Nazionale dei Lincei (correspondent since 1946, national since 1990), of the Istituto Veneto di Scienze, Lettere ed Arti (correspondent since 1967, effective since 1992) and

member of several foreign Geophysical and Geodetic Societies; He was among the founding members of the Academia Europaea (Cambridge, 1988).

Among his honors the Price "Mauro Baratta", Regia Accademia d'Italia (1941), the Golden Medal for Culture and Arts, Minister of Education, Italy (1975), the Medal "Emil Wieckert" from the German Geophysical Society (1988), the Scientific-Technical Prize from the Associazione Mineraria Subalpina, Torino, and elected Honorary Member (1990), the Laurea "Honoris Causa" in Geological Sciences, University of Padova, Italy (2004).

Carlo Morelli has achieved many scientific goals. The largest part of his experimental research is pertinent to Gravimetry. He studied the new gravity-meters, the pendulums and the instruments to measure the absolute gravity. He proposed and led an endeavor which lasted for 20 years: the global gravity net and its standardization, which was officially adopted by the International Association of Geodesy at the Moscow 1971 General Assembly. This reference system (IGSN 71: International Gravity Standardization Net) represents also nowadays a basic instrument for the international cooperation and is universally adopted. Following the deployment of the global gravity net, the precision of the IGSN 71 gravity values was increased all over the world from 10⁻⁵ to 10⁻⁸.

In Italy, he actively participated to the compilation of the First Gravity Map of Italy (Italian Geodetic Commission, 1972), by surveying large areas and – by means of remotely controlled gravity-meters – continental platforms, and cooperating in the gravity data processing. For the Second Gravity Map of Italy (CNR, 1985), he surveyed all the Italian seas by means of gravity-meters on board of surface vessels. The results of these measurements have brought a fundamental contribution to the knowledge of the geological structure of the Italian seas, of the Mediterranean tectonics and, in particular, of the Italian Peninsula.

Such studies, extended later on to all the Mediterranean sea, have led also to the compilation (for the IOC of UNESCO) first of the IBCM 1:1.000.000, published in 10 sheets in 1981, and later on (1985-99) of the Overlay Sheets with the gravity and magnetic anomalies, the seismicity and other geological and geophysical parameters. This work was accomplished within an international cooperation (he served as President of the Editorial Board).

Another important research activity he carried on was in Applied Seismics. During 1956 -1982 he covered many Deep Seismic Sounding Profiles (DSSP). He started in the Alps with the Lago Lagorai experiment, and progressively extended the profiles to all the Italian Peninsula and to the surrounding seas: he acted as the responsible of the Italian Group. The entire DSSP program was performed within a

European cooperation, mostly in collaboration with German Institutes. Finally, he acted as coordinator of the Southern Segment (Alps-Tunisia) of the European Geotraverse (from 1981 to 1988 he was member of the Scientific Coordinating Committee), an interdisciplinary study of the crust and upper mantle promoted by the European Science Foundation. He also carried out heat flow surveys in the deep seas around Italy.

The aim of his research was to perform a first step towards the achievement of a 3D structural model of the Earth's crust in Italy through the interpretation of the geophysical data. This structural model, that offered a fundamental knowledge about the deep structures in Italy, is a basic piece of information indispensable for the advancement of the geological and geophysical understanding of the Earth's interior and also for the exploration and exploitation of energy and mineral resources, for the protection of the environment and for the sustainability of large industrial plants. We have to mention that the success of his initiatives came from the efforts of all participants, performed mostly within national and/or international cooperation projects. The quality of the international collaboration was essential and often led to changing our fundamental knowledge.

The above mentioned successful research projects fostered the CNR's Strategic Program "Crosta Profonda" (CROP), that Morelli promoted with the contribution of a joint venture of public institutions and industries (ENI, ENEL, ENEA, CNR). CROP was an interdisciplinary project based on deep reflection seismic acquisitions on land and offshore. Its acquired profiles represent a contribution to the knowledge of the deep crustal structures and are equally important for science, for the economical exploitation of geo-resources, and for the prevention of geological risks.

An important consequence of all these projects is the professional education of several hundreds of highly specialized researchers, many of them organized within the National Institute of Oceanography and Experimental Geophysics (OGS), and adhering freely to the coordinating National Group for Solid Earth Geophysics (NGGTS), a national forum where ideas and results achieved in solid earth geophysics can be presented and discussed.

Carlo Morelli gave an outstanding example of scientific engagement and broad interest to a whole generation of geophysical researchers in Europe. During his life he achieved all his scientific targets. He was a man of direct and rapid action, he pretended always the most from everybody and he inspired enthusiasm in anybody capable of supporting his zeal.

Carlo Morelli is the author of 327 scientific papers (215 of which as the only author), mostly in international journals. He also authored one volume: Gravimetria,

Del Bianco ed., Udine, 1968, 576 pp). The complete list of his publications is available on: www.istitutoveneto.it

Carlo Morelli passed away on December 30, 2007 after a long post-operation treatment. His wife survives him.

Rinaldo Nicolich

Job opportunities

ORFEUS, the European organization for coordinating and promoting broadband seismology in Europe, is looking for a

Seismologist with strong affinity for software developments

He/she will be working within the ORFEUS data management team and closely coordinated with the EC-projects NERIES and SAFER. The position is temporary for the duration of four years.

Your task will be the data management within ORFEUS Data Center (ODC) involving:

- management and organization of the waveform data archive at the ODC, its hardware and back-ups
- maintenance of the Virtual European Broadband Seismic Network (VEBSN) data gathering and archiving and assistance in data Quality Control (QC),
- software developments to improve the data management and data availability in coordination with the developments of different web application tools.

Qualifications:

We expect you to have an academic master's degree either in seismology or related subject and good programming skills or, alternatively, a master's degree in software development or similar competence and affinity with earthquake seismology. You should be goal-oriented and have good knowledge of Linux/Unix, C, Perl, MySQL. Knowledge of an object oriented language like Java or C++ is an advantage. As you will be working independently in a multinational, diverse team we require excellent communication and cooperation skills together with a good knowledge of the English language.

We offer

We offer a dynamic, small multidisciplinary group of enthusiastic and well motivated colleagues. Our group is involved in innovative EC-projects developing the next generation data services for earthquake research. Consequently, we cooperate intensively with many international partners within and outside Europe and your work may involve travels to those partners. We offer excellent opportunities to develop own initiatives and attend relevant additional training.

General information

The ORFEUS staff is hosted by the seismology department of the KNMI (Royal Netherlands Meteorological Institute). The KNMI conducts applied and theoretical research on the basis of seismological and other geophysical observations, like infrasound, and provides information to the general public on earthquakes and related phenomena.

ORFEUS – (www.orfeus-eu.org) Observatories and Research Facilities for European Seismology
NERIES – (<http://neries.knmi.nl>) Network of Research Infrastructures for European Seismology
SAFER – (<http://www.saferproject.net>) Seismic early Warning for Europe.

Contact: Reinoud Sleeman (sleeman@knmi.nl);
subject: ORFEUS data manager.

Postdoc position in seismology/geophysics at NORSAR

NORSAR announces an opening for a post doctoral scientist to conduct research within the field of regional seismology and geophysics, with emphasis on mapping and inversion of the structure of the crust and upper mantle.

The position is aimed at strengthening the research capabilities within seismology and geophysics at NORSAR, presently consisting of about 10 scientists. NORSAR is also engaged in seismological research related to global and regional monitoring of the Comprehensive Nuclear Test-Ban Treaty (CTBT), including the operation of Norway's National Data Center, and within ray propagation and modeling for the petroleum industry. For more details about NORSAR, see <http://www.norsar.no/>.

The main research topic for this position comes from a new project on development and tuning of a 3-D stochastic inversion methodology for the greater Barents Sea region, based on a Markov Chain Monte Carlo inversion algorithm. The work will be conducted in close cooperation with geophysicists at Lawrence Livermore National Laboratories, USA. The data to be used, in close cooperation with Department of Geosciences, University of Oslo, will be surface-wave group velocities, regional body-wave travel times, gravity data, compiled 1D velocity models, thickness relationships between sedimentary and crystalline rocks, etc. While good programming skills and experience with inversion methodologies will be needed, a solid background within geophysics and geology will also be important.

While independence and creativity are essential, the successful candidate will have to work within the limits set by current research projects at NORSAR. The postdoc may also be engaged in other international

projects and the ability of the candidate to document and present work and results in writing and orally, and to represent NORSAR internationally, will be essential. The position, aimed at a person with a Ph.D. degree in seismology/geophysics, will be a two-year assignment. The yearly salary will be according to Norwegian Research Council rules, presently starting around NOK 385.000 (~USD 70.000), depending on documented qualifications and experience. Candidates may be requested to pass professional selection procedures.

For additional information please contact: Dr. Hilmar Bungum, NORSAR, P.O. Box 53, NO-2027 Kjeller, Norway; E-mail: hilmar.bungum@norsar.no Tel: +47-63805900;

Applications including documentation of competence and experience should be sent as soon as possible, preferably electronically, to Ms. Winnie Lindvik <winnie@norsar.no> at NORSAR no later than 15 May 2008.

Site Effects and Strong Motion Data Analysis

The Institute of Engineering Seismology and Earthquake Engineering is going to recruit one researcher through the MARIE CURIE RESEARCH FELLOWSHIPS project TOK-DEV, "International Transfer of Seismological Advanced Knowledge and Geophysical Research" (ITSAK-GR)

The job vacancy is for an experienced researcher with more than ten years of research experience in seismology. The candidate will be working on the task "New Methodologies in Site Effects Assessment and Strong Motion Data Processing". More information on the eligibility criteria can be found in Chapter 5 of the Marie Curie Fellows for Transfer of Knowledge (TOK) Handbook (ftp://ftp.cordis.lu/pub/fp6/docs/calls/mariecurie-action/tok_en_pdf.zip).

The candidate must be committed to work in a multi-disciplinary and multi-national team in the frame of an EU project and have a good command of English. The duration of the position is for 2 months starting on June 2008 and must end at December 2009. The selected candidate can split his stay up to one time. Deadline for applications is the 30th of April 2008.

More specifically the candidate will have a strong experience on various fields of Site Effects and Strong Motion Data Analysis. His/her experience must be focused on the Investigation of Site Amplification, including nonlinear Effects from Strong Motion Data.

For the recruited fellow the following financial benefits apply:

- Monthly living allowance: 5146,50 €/ month
- Monthly mobility allowance: 438 € or 700,80 €

/month, depending on the family condition of the fellow
- Travel allowance: up to 2500 € depending of the country of departure

For further information please contact:

Dr Basil Margaris

e-mail: margaris@itsak.gr

A letter of application (together with a CV), should be e-mailed to the same address.

DUBLIN INSTITUTE FOR
ADVANCED STUDIES
PROFESSORSHIP IN
GEOPHYSICS

Applications are invited for the permanent post of Professor of Geophysics in the School of Cosmic Physics, Dublin Institute for Advanced Studies. We seek to appoint the best candidate, regardless of the specific research field, who complements and enhances the activities of the Section. Applications from those with interests in seismology, geodynamic modelling, marine geophysics, or in fields of societal, environmental or industrial relevance, are particularly encouraged. Applicants should have a strong, established, international record of productive, original research over a period of the order of at least a decade.

The post carries no formal teaching obligations, other than graduate student supervision, but participation in the teaching programmes of the local universities and in the Irish Geoscience Graduate Programme is encouraged.

The Dublin Institute for Advanced Studies is a publicly-funded, independent centre for research in basic disciplines. More information about research activities at the DIAS School of Cosmic Physics can be found at the School's webpages, accessible via <http://www.dias.ie>.

Specific information about the post and the Geophysics Section can be obtained from the Head of Section, Professor Alan Jones, at alan@cp.dias.ie.

Applications including a CV, Publications List, a statement on research interests and a longer-term research plan, and the names of five referees should be sent preferably:

(i) electronically to: registrarsoffice@admin.dias.ie, quoting the reference number (SCP08-GEO-01) in the subject line; or

(ii) by post, quoting job reference SCP08-GEO-01, to:

Registrar's Office, Dublin Institute for Advanced Studies, 10 Burlington Road, Dublin 4, Ireland.

The pay scale for the post is currently €87,233 to €116,599 (full PRSI).

The application deadline is August 31st, 2008, and interviews will be held in October, with the post to be taken up on May 1st, 2009, or as soon thereafter as possible.

Depending on circumstances, the search for candidates may be widened beyond the applications received. Applications received beyond the deadline may be considered until the post is filled.

A panel of candidates will be formed from this competition who may be preferentially considered for any further vacancies arising in the Geophysics Section at the level of Professor/Assistant Professor within a year of this competition.

The Institute is an equal opportunity employer.

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 [\[IAVCEI\]](#)

Mission and Prospects of IASPEI

Adapted from the speech of E. R. Engdahl, former president (2003-2007) and former secretary general (before 2003) of IASPEI, at the IASPEI General Assembly in Santiago de Chile, 2005

The International Association of Seismology and Physics of the Earth's Interior (IASPEI) was founded in 1919 as one of the original six Sections of the International Union of Geodesy and Geophysics (IUGG). The term "Sections" was changed to Associations in 1933. As a member Association, IASPEI seeks to maintain a strong position: international, non-governmental, and inclusive, promoting geo-science in all countries, stressing strong fundamental and applied science and societal responsibility.

As an international organization, IASPEI is dedicated to advancing, promoting, and communicating knowledge of the Earth system and the dynamical processes causing change. Through its constituent Commissions, Working Groups, and services, IASPEI undertakes research, assembles observations, gains insights, coordinates activities, liaises with other scientific bodies, plays an advocacy role, contributes to education, and works to expand capabilities and participation worldwide. Data, information, and knowledge gained are made openly available for the benefit of human society: to provide the information necessary for the discovery and responsible use of natural resources, sustainable management of the environment, reducing the impact of natural hazards, and to satisfy our curiosity about our natural environment.

The organizational structure and the scientific programs of IASPEI have been created around an essential and guiding concept. International cooperation is the guiding principle for the advancement of seismology and the physics of the Earth's interior. The contributions to human welfare and knowledge of the many collaborative research projects and of the dissemination of the results of research to the international community through activities promoted by IASPEI are testimony to the effectiveness of IASPEI in pursuit of its goals.

IASPEI depends for its future success on the vigorous support of the individual scientists who plan and perform the research, deliver the reports on their findings at IASPEI-sponsored symposia, and devote countless hours as volunteers to the work of commissions and working groups. But IASPEI also relies on the support of the Member Countries, which provide the core financial and intellectual support, and on the National Committees that represent these Members in IUGG and IASPEI. Nations that are affected by damaging earthquakes obviously benefit from the work of IASPEI. However, all nations benefit because this work extends the scope of human

knowledge and the applications of that knowledge to other problems, such as the location and development of natural resources and the preservation of the natural environment.

(Link to the IASPEI [Statutes and By-Laws.](#))

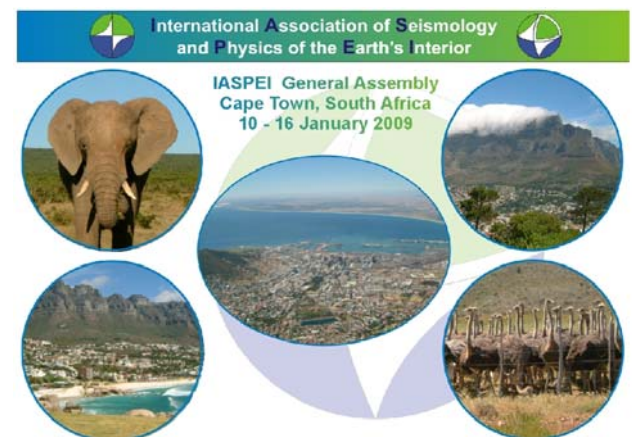
Scientific Assemblies

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.

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.

European Geosciences Union (EGU 2008)
13-18 April 2008, Vienna, Austria
Website: <http://meetings.copernicus.org/egu2008>

International Conference on Earthquake Engineering
and Disaster Mitigation (ICEEDM08)
April, 14-15, 2008, Jakarta, Indonesia
Website: <http://www.si.itb.ac.id/iceedm08>.

The 2008 Annual Meeting of the Seismological Society
of America (SSA 2008)
April 16-18, 2008, Santa Fe, New Mexico, USA
Website:
<http://www.seismosoc.org/meetings/2008/index.html>

International Conference "SlovTec 08"
April 23-26, 2008, Upohlav, hotel Riviera, Middle Váh
Valley, Western Slovakia
Web page:
<http://oldwww.fns.uniba.sk/~kgp/news/ceteg2008/ceteg.htm>

AGU Joint Assembly
27-30 May 2008, Fort Lauderdale, Florida
Website: <http://www.agu.org/meetings/ja08/>

"Using Ambient Vibration Array Techniques for Site
Characterisation
and seismic microzonation"
May 26 - June 1, 2008, Istanbul, Turkey
Website:
http://www.geopsy.org/array_course_program.html

The 27th IUGG Conference on Mathematical
Geophysics
June 15 - 20, 2008, Longyearbyen on Spitsbergen,
Norway
Contact: Hilde Lynnebakken,
hilde.lynnebakken@fys.uio.no

Seismix2008
June 8-13, 2008, Saariselkä, Finland
Webiste: www.seismo.helsinki.fi/seismix

MERCEA'08
2008 Seismic Engineering International Conference
commemorating the
1908 Messina and Reggio Calabria Earthquake
July 08-11, 2008, Messina and Reggio Calabria, Italy
Website <http://www.mercea08.org>

"International Seminar on Seismic Risk and
Rehabilitation of Stone Masonry Housing, on the event
of the 10th Anniversary of the July 9, 1998 Azores
Earthquake"
July 9 - 13, 2008, Horta city, Faial Island, Azores,
Portugal
Website: <http://www.azores1998earthquake.org>

33rd International Geological Congress
August 8-14, 2008, Oslo, Norway
Website: www.33igc.org

9th Workshop on 3D Modelling of Seismic Waves
Generation
22 September - 4 October 2008, The Abdus Salam
International Centre for Theoretical Physics - Trieste,
Italy
ActivityWebsite: <http://agenda.ictp.it/smr.php?1965>
ICTP Home Page: <http://www.ictp.it/>

12th IACMAG conference
GEOMECHANICS IN THE EMERGING SOCIAL &
TECHNOLOGICAL AGE
October 1-6, 2008, Goa, India
Websiste: www.12iacmag.com

4th International TOPO-EUROPE Workshop
October, 5-7, 2008, Euroforum Infantes, El Escorial
(Madrid), Spain.
Contact persons:
Sierd Cloetingh: sierd.cloetingh@falw.vu.nl
Gerardo de Vicente (contact): gdv@geo.ucm.es
Alfonso Muñoz-Martín: amunoz@geo.ucm.es

14th World Conference on Earthquake Engineering
(14WCEE)
October 12-17, 2008, Beijing, China
Website: <http://www.14wcee.org>
<http://www.14wcee.com>
<http://www.14wcee.net>

New Challenges in Earthquake Dynamics: Observing
and Modelling a Multi-Scale System
ESF-FWF Conference in Partnership with LFUI
18 - 23 October, Obergurgl, Austria
Website: www.esf.org/conferences/08260

[The IASPEI Web site](http://www.iaspei.org/)

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

International Association of Seismology
and Physics of the Earth's Interior

IASPEI promotes the study of the
structure, properties and processes
of the Earth. It is one of the eight
Associations that comprise the
International Union of Geodesy and
Geophysics (IUGG).

LATEST NEWS

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- IASPEI Newsletter December 2007
- IUGG Yearbook 2008
- IASPEI National Representatives
- IASPEI Executive Committee Biographies
- International Year of Planet Earth 2007-2008

Contacting IASPEI

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

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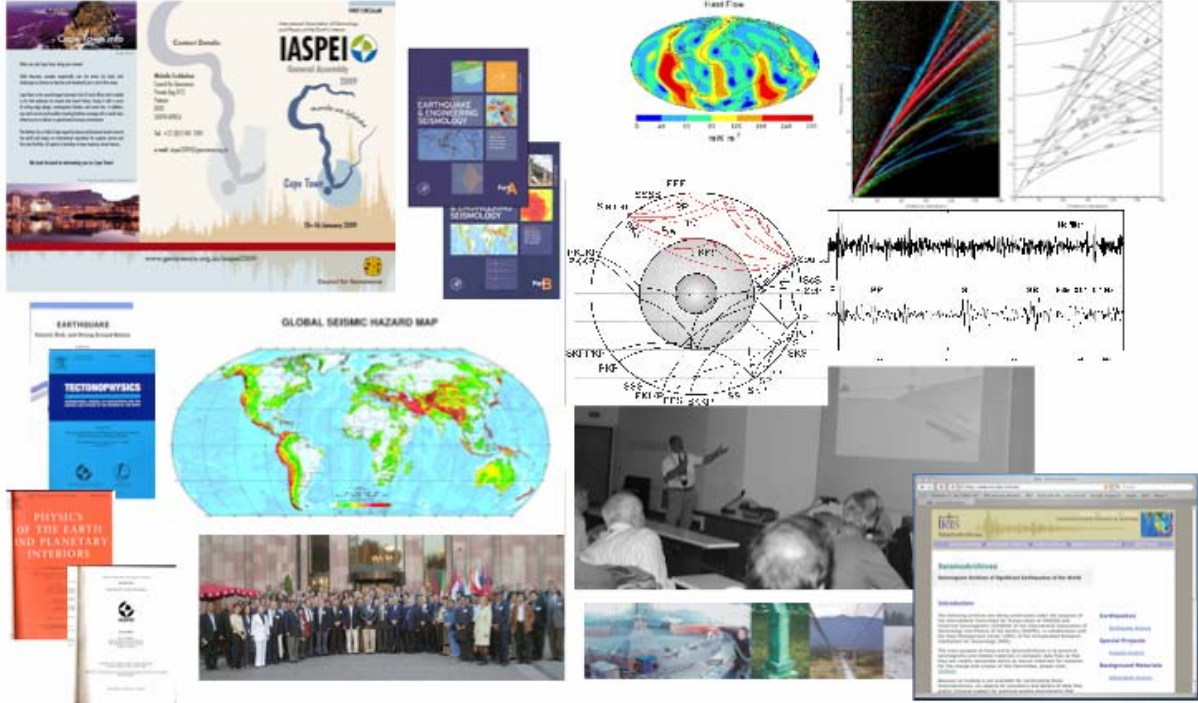
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Co-operate internationally to better understand our Earth

<http://www.iaspei.org>



Forthcoming Meetings in 2008

- Evison Symposium on Seismogenesis and Earthquake Forecasting, February 18 to 22, 2008, Wellington, New Zealand, <http://www.gns.cri.nz/evisonsymposium/>
- European Geosciences Union (EGU 2008), April 13 to 18, 2008, Vienna, Austria
<http://meetings.copernicus.org/egu2008>
- International Conference on Earthquake Engineering and Disaster Mitigation (ICEEDM08), April 14 to 15, 2008, Jakarta, Indonesia, <http://www.si.itb.ac.id/iceedm08>
- The 2008 Annual Meeting of the Seismological Society of America (SSA 2008), April 16 to 18, 2008, Santa Fe, New Mexico, USA, <http://www.seismosoc.org/meetings/2008/specialsessions.html>
- AGU Joint Assembly, May 27 to 30, 2008, Fort Lauderdale, Florida, USA
<http://www.agu.org/meetings/ja08/>
- The 27th IUGG Conference on Mathematical Geophysics, June 15 to 20, 2008, Longyearbyen on Spitsbergen, Norway, E-mail: hilde.lynnbakken@lys.uio.no
- Seismix2008, June 8 to 13, 2008, Saariselk, Finland, <http://www.seismo.helsinki.fi/seismix/>
- MERCEA 2008 - Seismic Engineering International Conference commemorating the 1908 Messina and Reggio Calabria Earthquake, July 08 to 11, 2008, Reggio Calabria and Messina, Italy
<http://www.mercea08.org/>
- 33rd International Geological Congress, August 8 to 14, 2008, Oslo, Norway
<http://www.33igc.org/>
- The 31st General Assembly of the European Seismological Commission (ESC), September 7-12, 2008, Hersonissos, Crete island, Greece, <http://www.esc2008.org/>
- 9th Workshop on 3D Modeling of Seismic Waves Generation, September 22 to October 4, 2008, The Abdus Salam International Centre for Theoretical Physics - Trieste, Italy
<http://agenda.ictp.it/smr.php?1965/>
- 12th IACMAG Conference - Geomechanics in the Emerging Social & Technological Age, October 1 to 6, 2008, Goa, India, <http://www.12iacmag.com/>
- 4th International TOPO-EUROPE Workshop, October 5 to 7, 2008, Euroforum Infantes, El Escorial (Madrid), Spain, <http://www.euroforum.es/>
- 14th World Conference on Earthquake Engineering (14WCEE), October 12 to 17, 2008, Beijing, China, <http://www.14wcee.org/>; <http://www.14wcee.com/>; <http://www.14wcee.net>
- New Challenges in Earthquake Dynamics: Observing and Modeling a Multi-Scale System - ESF-FWF Conference in Partnership with LFUI, October 18-23, Obergurgl, Austria
<http://www.esf.org/conferences/>
- 7th General Assembly of Asian Seismological Commission (ASC) and Seismological Society of Japan (SSJ) 2008 Fall Meeting - Sharing of Up-to-date Science and Technology to Reduce Earthquake Disaster in Asia, November 24 to 28, 2008, Tsukuba, Japan
<http://www.soc.nii.ac.jp/ssj/asc-ssj2008>



Best wishes for a successful new year 2008!