



The Abdus Salam

**International Centre
for Theoretical Physics**

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IAEA
International Atomic Energy Agency

Structure, Tectonics and Earthquakes in the Alborz-Zagros-Makran Region

22 - 31 May 2015
(Tehran, Islamic Republic of Iran)



Ministry of Industry, Mine & Trade
Geological Survey of Iran



The Geological Survey of Iran 'GSI', the Abdus Salam International Centre for Theoretical Physics 'ICTP', Trieste, and the Earthquakes Without Frontiers International Partnership Programme (NERC-ESRC), will organize an International Conference and School on Structure, Tectonics and Earthquakes in the Alborz-Zagros-Makran Region, to be held in Tehran, Iran, from 22 to 31 May 2015. The event will be directed by Morteza Talebian (GSI, Iran), James Jackson (Univ. of Cambridge, U.K.) and Adelkrim Aoudia (ICTP, Italy).

The Conference will present the latest development in the field and the School will motivate and train its participants in the following topics:

- **Continental Tectonics:** kinematics (fault patterns) and dynamics (driving forces) of continental deformation, and their relation to understanding earthquake-related hazard;
- **Monitoring and Observational Foundations of Earthquake Hazards:** the essential modern toolkit, including earthquake seismology, satellite-based radar interferometry (InSAR), GPS, field- and space-based geomorphology and Quaternary geology, paleoseismology;
- **Associated Earthquake Hazards:** understanding tsunamis and landslides;
- **Modelling Continental Deformation and the Earthquake Cycle:** using models to link geophysical, geological and geomorphological data to hazard evaluation.

For those interested in making an **oral or poster presentation** during the Conference, a one-page abstract (size A4) should be uploaded directly to the online application (please upload file attachments in .pdf). Board size for Posters: 1.20 m. (width) x 1.90 m. (height).

PARTICIPATION

The Programme is specifically designed to benefit scientists in countries that are vulnerable to earthquake hazards, but who currently lack the local infrastructure, expertise, national capability or critical mass of researchers to be effective. Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the event. As it will be conducted in English, participants must have an adequate working knowledge of this language. Although the main purpose of the Centre is to help researchers from developing countries, through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants are borne by their home institutions. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only for those who attend the entire activity. There is no registration fee.

HOW TO APPLY FOR PARTICIPATION

The online application form can be accessed at the activity website: <http://indico.ictp.it/event/a14263/>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

Activity Secretariat: E-mail: smr2712@ictp.it

ICTP Home Page: <http://www.ictp.it>

(Trieste, February 2015)

Co-sponsors:

Natural Environment Research Council



Economic and Social Research Council



United Kingdom



International Union of Geodesy and Geophysics (IUGG)



ORGANIZERS:

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DEADLINE

for requesting participation:

1 MARCH 2015