

International School on

'Geothermal Development'

December 7 - 12, 2015
(Miramare, Trieste, Italy)

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the University of Trieste (UNITS) are jointly organizing an *International School on 'Geothermal Development'*, to be held from December 7 - 12, 2015 in Trieste, Italy. The School is co-sponsored by the International Union of Geodesy and Geophysics (IUGG).

Geothermal energy offers unique possibilities to support the sustainable progress of the economy of Developing and Least Developed Countries (DC/LDC) through the extensive utilization of a Renewable Energy Source. It's peculiar characteristics make it particularly appealing as a renewable, stable, reliable, cost-effective and environmentally benign solution for the energy challenge of the third millennium.

Exploration focuses on the initial phase of any geothermal project, namely the identification and assessment of resources by means of integrated geological, remote sensing, geochemical and geophysical methods. The development of geothermal projects requires a basic knowledge of geothermal technologies environmental and financial issues.

The School aims at providing advanced knowledge of geothermal exploration methods with specific reference to the following **topics**:

- Geothermal energy resources distribution with specific reference to geologic and tectonic framework;
- Geological surveying methods through lectures, tutorials and case studies/histories;
- Geochemical methods in geothermal exploration: lectures, case histories
- Reservoir engineering and numerical modeling with laboratory sessions
- Geothermal power plants
- Economic issues related to geothermal energy exploitation

The School is based on **lectures by distinguished experts** and includes *panel discussions* and laboratory sessions.

PARTICIPATION

The event is open to scientists, post-graduate fellows, decision-makers, independent power producers and mid-career professionals and technologists from the public and private sectors, organizations involved in exploitation of renewable energy resources from all member countries of the United Nations, UNESCO, IAEA and UNIDO. Scientists and MSc or PhD students from all countries which are members of the United Nations, UNESCO or IAEA may attend the Conference. As the Conference will be conducted in English, participants should have an adequate working knowledge of English.

As a rule, travel and subsistence expenses of the participants should be borne by the home institution. 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, developing countries, and who are not more than 45 years old. Such support is available only for those who attend the entire activity. **There is no conference registration fee.**

HOW TO APPLY FOR PARTICIPATION

The application form can be accessed at the activity website: <http://indico.ictp.it/event/a14273/>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form. Closing date for receipt of the applications is: **15 September 2015.**

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Co-sponsors:



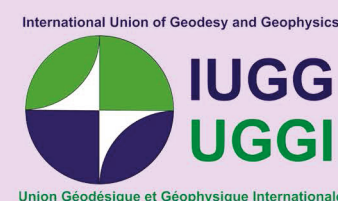
UNIVERSITÀ
DEGLI STUDI DI TRIESTE



International Geothermal Association



IGG-CNR, Pisa



Union Géodésique et Géophysique Internationale

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DEADLINE:

15 September 2015

