



The Abdus Salam
International Centre for Theoretical Physics



in collaboration with
International Centre for Science and High Technology



International School on 'Geothermal Exploration'

November 7 - 15, 2011
ICTP-Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the International Center for Science and High Technology (ICS/UNIDO) are jointly organizing an *International School on 'Geothermal Exploration'*, to be held from November 7 - 15, 2011 in Trieste, Italy.

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 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;
- Remote sensing methods for geothermal exploration: lectures, case histories and laboratory sessions;
- Geochemical methods in geothermal exploration: lectures, case histories and laboratory sessions;
- Geophysical methods in geothermal exploration; lectures, case studies and laboratory sessions.

The School is based on **lectures by distinguished experts** and includes **panel discussions, poster presentations**. A Geothermal Plant survey to geothermal areas in Italy where operational direct uses and electricity production are employed.

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. The main purpose of both the Abdus Salam ICTP and the ICS/UNIDO is to help researchers from developing countries through a program based on international co-operation. Limited travel funds are available primarily for applicants from, and working in, developing countries. The activity will be conducted in English. **Registration is free-of-charge.**

APPLICATION

The "On-line Application" form can be accessed at:

ICTP agenda page:

http://cdsagenda5.ictp.it/full_display.php?email=0&ida=a10175

(Please save and upload file attachments in either: **RTF format, .doc or .pdf**)

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Co-sponsors:



ENEL, Italy



International Geothermal Association



IGG-CNR, Pisa



**UNIVERSITÀ
DEGLI STUDI DI TRIESTE**

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**On-line Application
NEW Deadline**

August 31, 2011