The Abdus Salam International Centre for Theoretical Physics

Joint ICTP-IAEA
School of Nuclear Energy Management
15 July - 2 August 2013
(Miramare - Trieste, Italy)

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste, Italy) in co-operation with the International Atomic Energy Agency (IAEA, Vienna, Austria) is jointly organizing the School of Nuclear Energy Management, to take place from 15 July to 2 August 2013.

The purpose of this school is to provide a unique international educational experience aimed at building future leadership in managing nuclear energy programs from among promising young professionals from developing countries, particularly newcomers to the field who seek to develop nuclear power programs. The school is aimed at the training of young professionals from developing countries with managerial potential on aspects of the industry that will help ensure their broad understanding of the current issues that need to be tackled in their countries. During this training programme, the participants will gain awareness of the most recent developments in nuclear energy and the IAEA specific knowledge and broad international perspective on issues related to the peaceful use of nuclear technology.

The School will consist of a series of keynote presentations by leading IAEA specialists on topics relevant to managing nuclear energy programs followed by practical sessions discussing the issues raised and difficulties envisaged. All chosen participants will be expected to be actively involved in discussions, assigned projects, panel reviews and all school activities.

The following topics will be covered:

- World Energy Balance, Geopolitics and Climate Issues;
- IAEA Support for Nuclear Power Development;
- Nuclear Power – Technology and Life Cycle;
- Nuclear Science and Research;
- Nuclear Safety and Security;
- Nuclear Law, International Conventions and Relevant Mechanisms;
- Nuclear Non-Proliferation and Safeguards;
- Human Resource Development and Knowledge Management;
- Nuclear Leadership, Management and Sociology;
- Emergence Planning and Preparedness;
- Communicating Radiation Risks to the Public

PARTICIPATION: The invitation to the School is directed to young professionals primarily but not exclusively in countries with a new nuclear programme and those that plan on establishing one in the near future and that are members of the United Nations, UNESCO or IAEA. Applicants must possess a degree in Science, Engineering, Business or Law; have knowledge of nuclear fundamentals and several years of experience in government or the nuclear industry. Although the main purpose of the Abdus Salam ICTP is to help research workers from developing countries, a limited number of professionals from developed countries are also welcome to attend. Limited funding (including travel grants) for participation in the workshop is available for scientists from developing countries. The School will be conducted in English. Registration is free-of-charge for all attendees.

HOW TO APPLY: The “On-line Application” form can be accessed at the ICTP activity website: http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a10161
Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

ACTIVITY SECRETARIAT
Joint ICTP-IAEA School of Nuclear Energy Management
smr2473
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34014 Trieste, Italy
phone: +39-040-2240544, Fax: +39-040-2240575, E-mail: smr2473@ictp.it