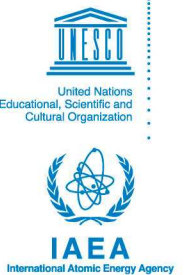




The Abdus Salam  
International Centre for Theoretical Physics



The ICTP-IAEA  
School of Nuclear Energy Management  
شكول دي نوكليار انرجي ماناجمنت  
لپو ايتي-ايفي

November 5 - 23, 2012  
(Miramare - Trieste, Italy)

In co-operation with  
**the International Atomic Energy Agency (IAEA)**

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste, Italy) in co-operation with the International Atomic Energy Agency (IAEA, Vienna, Austria) is organizing the annual School of Nuclear Energy Management, to take place from November 5 to 23, 2012.

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 newcomer countries that seek to develop nuclear power or other nuclear applications, who show promise as future leaders of the nuclear industry, academia and public sector entities in their country. It will enable the transfer of IAEA specific knowledge to Member States towards their capacity building efforts.

The prospect of a steady world-wide growth in the use of nuclear technology - **for the generation of electricity and other energy services and in a diversity of nuclear applications in medicine, agriculture, and industry** - points to the need for a greatly expanded global cadre of nuclear professionals. A highly competent management is vital to the success at all stages of development or re-launching of a nuclear programme. This school will focus mainly on training young professionals from developing countries with managerial potential on aspects of the industry that will ensure their broad understanding of the current issues that need to be tackled in their various 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. At the end of the School all participants are expected to pass a final test.

**The following topics will be covered:**

- **World Energy Balance, Geopolitics and Climate Issues;**
- **Energy Planning, Energy Economics and Nuclear Power Economics and Finance;**
- **National Nuclear Industry from Planning to Decommissioning;**
- **Nuclear Power - Technology, Nuclear Fuel Cycle and Waste Management ;**
- **Nuclear Safety and Security;**
- **Nuclear Law, International Conventions and Relevant Mechanisms;**
- **Nuclear Non-Proliferation and Safeguards;**
- **Human Resource Development and Knowledge Management;**
- **Leadership and Management in Nuclear Industry;**
- **Nuclear Sociology and Public Communication.**

**PARTICIPATION:** The invitation to the School is directed to young professionals 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 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.**

**APPLICATION:**

The "On-line Application" form can be accessed at:  
**ICTP activity website:** <http://agenda.ictp.it/smr.php?2374>  
inclusive of a **step-by-step instruction guide**.  
(Please save and upload file attachments in either: **RTF format, .doc or .pdf**)

**ICTP ACTIVITIY SECRETARIAT**  
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**MAY 15, 2012**

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