

ICTP-IAEA International School on Nuclear Security

11-22 April 2016
Miramare - Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the International Atomic Energy Agency (IAEA), the Ministry of Foreign Affairs of Italy and the Partnership for Nuclear Security, is organizing an **International School on Nuclear Security**, which will be held at ICTP, Trieste, Italy, **from 11 to 22 April 2016**.

The two-week School is designed for young professionals from developing countries, ideally with 1-3 years of experience, working at a relevant institution in their home country with responsibility covering some aspects of nuclear security. Candidates should have a specific career interest in, or knowledge of nuclear security, although their academic and technical background may vary. Candidates with a scientific or technical background in a discipline of relevance to nuclear security, such as nuclear physics, nuclear engineering or political science, and/or in related fields, are specifically encouraged to apply.

CURRICULUM TOPICS

- International legal framework supporting nuclear security
- Identification of, and measures to address, threats against nuclear security
- Instruments and methods for physical protection at associated facilities
- Threat and risk assessment, detection architecture and response plan for material out of regulatory control
- Illicit trafficking in nuclear and other radioactive material, including radiation detection instruments and detection strategies and techniques
- Transport security for nuclear and other radioactive material
- Nuclear forensics and radiological crime scene management
- Nuclear security culture, computer and information security, and security at major public events
- Measures for systematic nuclear security human resource development at the national level

Additionally there will be practical exercises, designed to incorporate the acquired knowledge into national planning and procedures to protect against threats to nuclear security.

PARTICIPATION

Prerequisites:

Successful completion of the IAEA e-Learning courses:

- *Use of Radiation Detection Instruments for Front Line Officers*
- *Transport Security*
- *Computer Security*
- *NMAC for Nuclear Security*
- *Radiological Crime Scene Management*
- *Physical Protection*

The courses are available only online:

<http://olms-nkm.iaea.org/m2/course/index.php?categoryid=48>

The estimated time for completing of the courses is between 1 and 4.5 hours. Upon successful completion, the system will generate a personalized certificate. Please submit all certificates of completion (as pdf or jpg files) with the online application form for this School.

In case of technical problems please contact: nsnselearning@iaea.org

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend. The School will be conducted in English; participants therefore must have adequate command 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 should be borne by their home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). Limited funds are available for some participants who are nationals of, and working in, a developing country. Such support is available only for those who attend the entire School. **There is no registration fee. Please note that daily attendance is compulsory for all participants and is a prerequisite for the certificate at the end of the course. This includes participation in the technical visit on the weekend.**

HOW TO APPLY

The application form can be accessed via the School website: <http://indico.ictp.it/event/7636/>

Deadline: **10 January 2016**

The page also includes comprehensive step-by-step instructions on how to fill out and submit the online application form. Please note that as a prerequisite to admission to the School, all applicants will be asked to complete IAEA introductory e-learning modules on several topics in nuclear security. Detailed information about the modules will also be available on the application page.

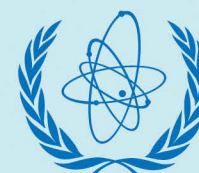
School Co-Directors: C. Tuniz (ICTP) and D. Nikonov (IAEA)

School Secretariat: Ms. F. Delconte

e-mail: smr2854@ictp.it ; phone: +39-04022409932; fax: +39-04022407932

School website: <http://indico.ictp.it/event/7636/> ICTP Home Page: www.ictp.it

ORGANIZERS



IAEA
International Atomic Energy Agency



Ministero degli Affari Esteri

CO-SPONSORS



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