

Joint ICTP-IAEA International School on Nuclear Security



09 - 20 April 2018
Trieste, Italy

Further information:
<http://indico.ictp.it/event/8303/>
smr3194@ictp.it

The two-week School is designed for young professionals from developing countries, ideally with one to three years of experience, working at relevant institutions in their home country. 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 especially encouraged to apply.

Prerequisites:

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:

- Nuclear Security Threats and Risks
- Transport Security
- Information and Computer Security
- NMAC for Nuclear Security
- Radiological Crime Scene Management
- Physical Protection
- Preventive and Protective Measures against Insider Threat
- Use of Radiation Detection Instruments for Front Line Officers
- Introduction to Radioactive Sources and Their Applications

The modules are available only online:
<http://elearning.iaea.org/m2/course/index.php?categoryid=48>

Topics:

- International legal framework supporting nuclear security
- Identification of, and measures to address, threats against nuclear material, facilities, and activities
- Instruments and methods for physical protection of associated facilities
- Threat and risk assessment, detection architecture, and response plan for material out of regulatory control
- 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.

How to apply:

Online application:
<http://indico.ictp.it/event/8303/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Director:

D. NIKONOV (IAEA)

Local Organizer:

C. TUNIZ (ICTP)

Deadline:

2 December 2017



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