Joint ICTP-IAEA 2020 International School on Nuclear Security

23 March - 3 April 2020
Trieste, Italy

Further information:
http://indico.ictp.it/event/9030/
smr3433@ictp.it

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

Director:

D. NIKONOV, IAEA

Prerequisites:

As a prerequisite to admission to the School, all applicants will be asked to complete the following IAEA introductory e-learning modules on several topics in nuclear security:

- Overview of Nuclear Security Threats and Risks
- Nuclear Security Threats and Risks: Material and Facilities
- Nuclear Security Threats and Risks: Material Out of Regulatory Control
- Nuclear Security Threats and Risks: Cyber Threat
- 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 online:
http://elearning.iaea.org/m2/course/index.php?categoryid=48

The estimated time for completing the courses is between 1 and 4.5 hours per module. Upon successful completion of each module, 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 issues, please contact:
CLP4NET.Contact-Point@iaea.org

Topics:

School curriculum will include the following 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

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

Local Organizer:

C. TUNIZ, ICTP

How to apply:

Online application:
http://indico.ictp.it/event/9030/

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.

Deadline:

06 December 2019

IAEA International Atomic Energy Agency

Ministry of Foreign Affairs and International Cooperation

The Abdus Salam International Centre for Theoretical Physics
www.ictp.it
Trieste, Italy