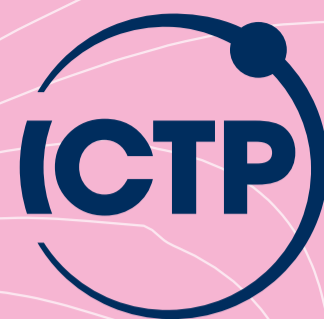


# Joint ICTP-IAEA International School on Nuclear Security



**25 March - 05 April 2019**  
**Trieste, Italy**

Further information:  
<http://indico.ictp.it/event/8650/smr3277@ictp.it>

The two-week School is designed for early career professionals from developing countries, ideally with 1-3 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, political science, law enforcement, 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>

The estimated time for completing the courses is between 1 and 4.5 hours. 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: [nsselearning@iaea.org](mailto:nsselearning@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

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

## Directors:

**D. NIKONOV (IAEA)**

## Local Organizer:

**C. TUNIZ (ICTP)**

## How to apply:

Online application:  
<http://indico.ictp.it/event/8650/>

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:

**2 December 2018**



The Abdus Salam  
International Centre  
for Theoretical Physics  
[www.ictp.it](http://www.ictp.it)  
Trieste, Italy

