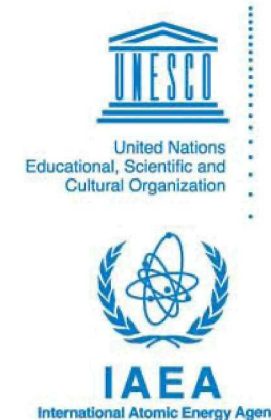




The Abdus Salam
International Centre for Theoretical Physics



IAEA-ICTP International School

on Nuclear Security

11-22 April 2011
Miramare - Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the International Atomic Energy Agency (IAEA) and the Italian Ministry of Foreign Affairs, is organizing an **International School on Nuclear Security**, which will be held at ICTP, Trieste, Italy, **from 11 to 22 April 2011**.

The two weeks School is addressed to professionals from developing countries, who should ideally have 1-3 year professional experience working at an institution within their respective country with responsibilities for ensuring some aspects of nuclear security. Candidates should have a specific interest in pursuing careers which would benefit from knowledge of nuclear security. Although academic backgrounds may vary, candidates with an educational background in scientific or technical discipline of relevance to nuclear security such as nuclear physics, nuclear engineering, or in similar fields are especially encouraged to apply.

TOPICS

- Targets, consequences, risks
- Nuclear Security threats and potential consequences
- Scope of nuclear security events
- Basic Elements of Nuclear Security
- Interrelationships between safety, security and safeguards
- Overview of the legal framework for nuclear security
- The IAEA and its role in nuclear security
- Physical Protection of nuclear and material and nuclear facilities
- Security of radioactive sources
- Nuclear material accounting and radioactive material inventory control
- Transport Security
- Detection of Nuclear Security Events – material out of control
- Response to Nuclear Security Events – material out of control
- Information Security
- IT/Cyber security
- Ensuring effective communication of nuclear security information
- Capacity building and sustainability planning

PARTICIPATION

Prerequisites: Successful completion of the IAEA eLearning programme: Use of Radiation Detection Equipment (includes a session on basics of radiation and radiation protection).

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of that language. Although the main purpose of the Centre is to help research workers 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 the home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, 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 activity. **There is no registration fee.**

HOW TO APPLY

The application form can be accessed at the activity website: <http://agenda.ictp.it/smr.php?2233>
Once in the website, comprehensive instructions will guide you step-by-step on how to fill out and submit the application form. The closing date for receipt of requests of participation is **9 January 2011**.

Secretariat: (Ms. F. Delconte)

e-mail: smr2233@ictp.it; phone: +39-040-2240-9932; fax: +39-040-2240-7932

School web page: <http://agenda.ictp.it/smr.php?2233> ICTP Home Page: www.ictp.it

ORGANIZERS

A. BRAUNEGGER-GÜLICH
(IAEA, Austria)

C. TUNIZ
(ICTP, Italy)

DEADLINE

for requesting participation

9 JANUARY 2011

CO-SPONSORS:
CEI (Central European Initiative)
and
KFAS (Kuwait Foundation for the
Advancement of Science)