

Joint ICTP-IAEA Workshop on Radiation Protection in Diagnostic and Therapeutic Nuclear Medicine



11 - 15 October 2021
An ICTP - IAEA Virtual Meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/9654/>
smr3633@ictp.it

The workshop aims to enhance knowledge on safety standards and good practice for radiation protection of patients and staff in diagnostic and therapeutic nuclear medicine, thus contributing to reducing risks and strengthening safety culture while delivering high quality medical services.

Director:

J. VASSILEVA, IAEA, Austria

Description:

Nuclear medicine procedures for diagnostic and therapy are rapidly growing, and the access to them improves worldwide. Along with the substantial benefits for patients, the introduction of new technologies, new procedures or new radiopharmaceuticals poses new radiation protection challenges and risks for unintended or accidental exposures of patients or staff members. The workshop will support knowledge exchange for ensuring safe use of nuclear medicine methods for diagnosis and treatment, in line with the International Basic Safety Standards (GSR Part 3) and good international practice.

The workshop seeks to target qualified clinical medical physicists with at least five years of experience in nuclear medicine. It is particularly relevant to candidates from departments that intend to introduce new methods and new radiopharmaceuticals into clinical use. Participants will be requested to present the radiation protection programme of their departments.

Topics:

- Planning of nuclear medicine facility and shielding calculations
- Management of radioactive material and radiation waste in nuclear medicine
- Workplace and personal dose monitoring
- Radiation protection during production and administration of radiopharmaceuticals
- Practical methods for optimization of radiation protection of patients and staff
- Radiation protection in therapy with classical and new radiopharmaceuticals
- Criteria for release of patients after diagnostic and therapy and associated measures
- Nuclear medicine procedures during pregnancy and breastfeeding
- Prevention and management of incidents
- Incident reporting and learning
- Safety culture

Local Organiser:

R. PADOVANI, ICTP, Italy

Speakers:

O. BELYAKOV, IAEA, Austria
S. CHAUVIE, EFOMP, Italy
J. KURTH, EANM, Germany
S. LEIDE-SVEGBORN, Lund University, Sweden
M. MARENGO, AOSP, Italy
J. VASSILEVA, IAEA, Austria

How to apply:

Online application:
<http://indico.ictp.it/event/9654/>

Female scientists are encouraged to apply.

Registration:

There is no registration fee.

Deadline:

15 August 2021



EFOMP



International Atomic Energy Agency



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