Joint ICTP-IAEA Workshop on Radiotherapy Dosimetry Audit Methodologies

28 November - 2 December 2022
Trieste, Italy

The target audience include radiotherapy dosimetry audit providers, medical physicists involved in audits willing to expand their knowledge or interested in setting up a radiotherapy dosimetry audit programme. Participants should have clinical experience and a basic background in dosimetry audits in radiotherapy.

Topics:
- Status and global availability of radiotherapy dosimetry audits.
- Accuracy requirements and Quality Assurance in radiotherapy.
- Dosimetry audit types and methodologies.
- IAEA guidelines for establishing national dosimetry audit network – structure, operation and resources.
- Basics of passive solid-state dosimetry (TLD, OSLD, RPLD, film) systems.
- IAEA methodologies of remote dosimetry audits: Steps 1 to 9, on-site End-to-End 3D CRT and IMRT audits including practical sessions.
- Uncertainty estimation.
- Reporting results and following up results out of tolerance.
- Quality management system for dosimetry audits.
- Novel approaches to auditing.

How to apply:
Online application:
http://indico.ictp.it/event/9843/

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:
31 August 2022