

# Joint ICTP-IAEA Workshop on Radiotherapy Dosimetry Audit Methodologies



**28 November - 2 December 2022**  
**Trieste, Italy**

Further information:  
<http://indico.ictp.it/event/9843/>  
[smr3753@ictp.it](mailto:smr3753@ictp.it)

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.

## Directors:

M. SEVERGNINI, Trieste Hospital, Italy  
J. SWAMIDAS, IAEA, Austria

## Local Organiser:

R. PADOVANI, ICTP, Italy

## Speakers:

A. ALVES, ACDS, Australia  
C. CLARK, NPL – RTTQA, UK  
A. EMBRIACO, ENEA, Italy  
C. FIANDRA, University of Turin, Italy  
N. JORNET, Hospital de la Santa Creu i Sant Pau, Spain  
P. KAZANTSEV, IAEA, Austria  
S. RUSSO, Florence Hospital, Italy

## How to apply:

Online application:  
<http://indico.ictp.it/event/9843/>

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:

**31 August 2022**



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

