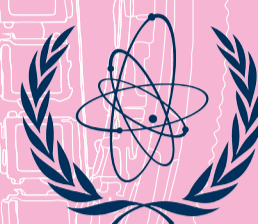
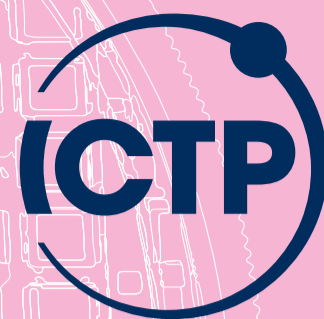


Joint ICTP-IAEA International Workshop on the Implementation of Image Guided Radiotherapy (IGRT)

8 - 12 May 2017
Trieste, Italy



IAEA

Further information:

Activity URL: <http://indico.ictp.it/event/7959/>

E-mail: smr3114@ictp.it

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste, Italy) in collaboration with the International Atomic Energy Agency (IAEA) is organizing a one week workshop on image guided radiotherapy (IGRT) for medical physicists.

Directors:

B. HEALY, IAEA, Vienna

Description:

Image guided radiotherapy (IGRT) is considered an important component in the practice of advanced radiotherapy such as intensity modulated radiotherapy. IGRT technology means that the verification of the positioning of the patient at time of treatment for external beam radiotherapy can be achieved with advanced imaging of the patient volume and with immediate online corrective strategies. Advanced IGRT with motion management and treatment gating is now also possible. For the safe and effective practice of IGRT, clinical medical physicists need to have knowledge of the commissioning and quality assurance of IGRT technology and processes, and have an understanding of the dose burden to patients from IGRT imaging procedures.

Topics:

- Image guided radiotherapy (IGRT) technologies and processes;
- Clinical evidence for IGRT;
- Commissioning of IGRT;
- Quality assurance of IGRT;
- Impact of IGRT on CTV-PTV margins in EBRT;
- Patient dosimetry for IGRT procedures;
- Motion management strategies in advanced IGRT.

Local Organizers:

L. BERTOCCHI, ICTP, Italy

How to apply:

Online application:
<http://indico.ictp.it/event/7959/>

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:

1 March 2017



60 Years

IAEA Atoms for Peace and Development



American Association of
Physicists in Medicine



The Abdus Salam
International Centre
for Theoretical Physics

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