International Conference on Advances in Radiation Oncology #ICARO3

Tuesday 16 February 2021 - Friday 19 February 2021

Scientific Programme
Advanced Technologies: IT & AI
Paperless RT department, artificial intelligence / machine learning, autocontouring / autoplaning, big data, adaptive RT: new developments, challenges and possible solutions, practical implementation in LMIC

Advanced Technologies: MRI-LINAC
MRI-LINAC: new developments, challenges and possible solutions, practical implementation in LMIC

Advanced Technologies: Proton and Ion Beam Therapy
Proton and Ion Beam Therapy: new developments, challenges and possible solutions, practical implementation in LMIC

Advanced Technologies: SBRT
SBRT: new developments, challenges and possible solutions, practical implementation in LMIC

Brachytherapy

Clinical Research

Education
Education and training of professionals working in radiotherapy, staffing, education requirement, global interprofessional education, certification, accreditation and professional registry.

Health Economics and Health Systems Research
Health economics, roadmap for setting up modern radiation oncology facilities, national cancer control strategies and advocating RT.

Medical Physics
Small field dosimetry, SSDL, standards, developments in treatment planning and how to evaluate a treatment plan.

**Quality Assurance**

QUATRO, auditing procedures, developments in quality assurance and new approaches to quality management, safety in radiation therapy, quality and safety.

**Radiobiology**

Personalized Medicine, Experimental and Clinical Radiobiology, Biodosimetry, Management of Late Effects, Spatially Fractionated Radiation Therapy, FLASH.

**Radiotherapy for Paediatric Malignancies**

**The RTT Profession**