

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 / autoplanning, 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