IAEA 70 GENERAL CONFERENCE

NUCLEI

NUCLEAR TECHNOLOGIES FOR ONCOLOGICAL DISEASES: **NEUTRON INTRAOPERATIVE AND EXTERNAL BEAM RADIOTHERAPY**

ITALY

MONDAY,
14 SEPTEMBER 2026
FROM 5.00 P.M. TO 6.30 P.M.

CONFERENCE ROOM **M7**,
M BUILDING, GROUND FLOOR,
IAEA, VIENNA INTERNATIONAL CENTRE

DESCRIPTION

The side event, organized by Italy, will bring together Italian and international experiences in the use of innovative nuclear technologies for intraoperative and external beam radiotherapy in the treatment of oncological diseases.

Experts will discuss innovative radiotherapy approaches and the challenges for potential treatments. The side event will focus on the use of an innovative compact neutron generator designed for intraoperative radiotherapy and conventional external beam radiotherapy with protons, electrons, and photons for the treatment of oncological diseases.

Experts from Italy and abroad will discuss theoretical methods related to innovative radiation machines and experimental approaches to radiotherapy techniques for cancer treatment.

The Italian LINC-ER project, as well as other relevant international initiatives, will be presented.

SPEAKERS

Giuseppe Sedda
Representative of Permanent Mission of Italy at International Organizations, Vienna

Giuseppe Ottaviano
ENEA, Nuclear Department

Maurizio Martellini
Theranosti Centre

Alberto Ubaldini
ENEA, Nuclear Department

Paolo Nenzi
ENEA, Nuclear Department

Giulia Bazzano
ENEA, Nuclear Department

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