

NUSPRASEN Workshop on Nuclear Science Applications

Tuesday 26 November 2019

Applications in Medicine (2) (09:00-10:30)

time	[id] title	presenter
09:00	[5] Developments in Particle Therapy Using Nuclear Science and Technology	SCHIPPERS, Marco
09:30	[6] Hadron therapy: from the conventional approach to the potential use of laser-accelerated beams	Dr CIRRONE, Pablo
10:00	[18] Terbium Production with Helium Beams on Europium	DANILOV, Andrey
10:15	[19] Production of Copper Medical Radioisotopes in a Variable Energy Cyclotron	Dr NICULAE, Dana

Applications in Medicine (2) (11:00-12:30)

time	[id] title	presenter
11:00	[20] Establishing quantitative imaging of novel theranostic terbium isotopes	PELLS, Sophia
11:15	[21] Light yield and pulse shape discrimination of flexible siloxane scintillators under H ⁺ irradiation	RAGGIO, Rosasilvia
11:30	[22] Dosimetry with LINrem detectors in high energy and pulsed neutron fields	TARIFEÑO-SALDIVIA, Ariel
11:45	[24] Impact of Charged Particle Exposure on DNA Double-Strand Break Generation in Human Cancer Cells	RISTIC FIRA, Aleksandra
12:00	[23] Assessment of DNA DSBs for the Validation of the GEANT4-DNA Simulation Toolkit	Prof. PETROVIC, Ivan
12:15	[25] Proton radiobiology setups at IFIN-HH: preliminary results at low and high (FLASH) dose rates	Dr RADU, Mihai