

PANIC2021 Conference

Wednesday, September 8, 2021

Applications of nuclear and particle physics technology (1:00 PM - 6:00 PM)

-Conveners: Patricia Gonçalves; Jorge Sampaio

time	[id] title	presenter
1:00 PM	[570] Proton-range verification in proton radiation therapy using PET	Dr TAVERNIER, Stefaan
1:30 PM	[373] From tests of discrete symmetries to medical imaging with J-PET detector	Prof. MOSKAL, Paweł
1:50 PM	[621] Adapting a computed tomogram to Geant4 for monitoring proton therapy via prompt-gamma rays and time-of-flight PET	SIMÕES, Hugo LOPES, Valéria MOROZOV, Andrey Dr SAMPAIO, Jorge SILVA, João TEODORO, José SIMÕES, Margarida GONÇALVES, Patricia CRESPO, Paulo
2:20 PM	[571] Measurements of primary and secondary particle tracks in live cells	Dr SAWAKUCHI, Gabriel
2:50 PM	[575] Scintillating array for real – time high – resolution ion therapy dosimetry – Initial Design and Simulations	GUERREIRO, Duarte
3:20 PM	[572] Ion beams for the development of radiation resistant semiconductors	Dr LORENZ, K.
3:50 PM	[278] Charge identification of fragments in FOOT experiment by nuclear emulsion detector	Prof. LAURIA, Adele
4:10 PM	[392] Measurements of ^{16}O fragmentation cross sections on C target with the FOOT apparatus	TOPPI, Marco