Symposium on new trends in nuclear and medical physics

Wednesday 18 October 2023

Introductory talks for selected posters (15:50-17:05)

time	[id] title	presenter
15:50	[66] Normalization and scatter corrections for the Jagiellonian PET scanner	COUSSAT, Aurélien
15:55	[67] Application of ultra-high-dose-rate proton beam for the 3D cancer cell model – proof of concept	DURAK-KOZICA, Martyna
16:00	[68] Evaluation of Positron Emission Mammography using plastic scintillator and wavelength shifters	SHIVANI, .
16:05	[69] Evaluating performance characteristics of Modular J-PET	TAYEFI ARDEBILI, Faranak
16:10	[70] Studies of simultaneous dual-isotope imaging with multi-strip modular J-PET detector	BAYENE, Ermias
16:15	[71] A cross staged gantry sliding system for total body PET scanning and motion artifact free CT imaging	KAPLANOGLU, Muhammed Tevfik
16:20	[72] Exploring Variations in Positronium Lifetime Among Different Blood Clots through Positron Annihilation Measurement	MOYO, Simbarashe
16:25	[73] Overview and Performance of the SIDDHARTA-2 Apparatus	KHREPTAK, Aleksander
16:30	[74] Estimating the efficiency and purity for detecting annihilation and prompt photons with J-PET using toy Monte Carlo simulation	DAS, Manish
16:35	[75] J-PET detector approach for testing CP symmetry in the ortho-Positronium annihilation	VALSAN ELIYAN, Kavya
16:40	[76] Towards studies of rare decays of positronium	TANTY, Pooja
16:45	[77] Simulating Performance Characteristics of a Single Ring of the Total-Body J-PET Scanner According to NEMA NU 2-2018	TAYEFI ARDEBILI, Keyvan
16:50	[78] Study of Polarization Correlation in positron annihilation with J-PET	KUMAR, Deepak
16:55	[79] Feasibility studies of Dark Photon searches with the J-PET detector	MĘDRALA-SOWA, Justyna
17:00	[112] Estimating influence of positron range in proton therapy beam monitoring with PET	MRYKA, Wiktor