

2nd Symposium on new trends in nuclear and medical physics

Thursday 25 September 2025

Poster session & coffee (13:30-15:00)

time	[id] title	presenter
13:45	[132] Fluorescence-Guided Analysis of EV Behavior in 3D Breast Cancer Spheroids: Toward PET-Compatible Theranostics	AWASTHI, Kriti
13:47	[133] Developing efficiency maps for double isotope studies with J-PET	BEYENE , Ermias
13:49	[134] Graph-based event reconstruction for segmented detectors: SiFi-CM case study	CLEMENT, Philippe
13:53	[136] Study of Total-Body J-PET sensitivity as a function of the Ring Number	JALALI , Sharareh
13:55	[137] Automated Simulation Workflow for 3D-Printed Scintillator Phantoms in Radiotherapy Planning	HAJDUGA, Jakub
13:57	[138] First Laboratory Tests of the SABAT Project Sensor with a D-T Neutron Generator	KACZMAREK, Mateusz
13:59	[139] Design and construction of Cross-Staged Gantry System of Total-Body J-PET/CT Scanner for Motion Artifact Free anatomic and metabolic imaging	KAPLANOGLU, Tevfik
14:01	[140] Optical properties and time-of-flight resolution of plastic scintillators for total-body J-PET scanner	KAPŁON, Łukasz
14:03	[141] Studies of the absorption parameter $3\gamma/2\gamma$ in positronium decays	KASPERSKA, Kamila
14:05	[142] Normalisation Strategies in ToF-SIMS Analysis of Liver Tissue - Critical Impact on Comparative Molecular Profiling in a Diabetic Rat Model	KAZIMIERCZAK, Michalina
14:07	[143] Can decay gammas from radioactive ion beams enhance prompt gamma imaging?	KERCZ, Monika
14:09	[144] Titanium–Scandium Radionuclide Generator: A New Approach for Sustainable Isotope Production	KHREPTAK, Aleksander
14:11	[145] MERMAID – prototype PET scanner for small aquatic animals	KOŁODZIEJ , Magdalena
14:13	[146] Usage of DL-based portal dose images for treatment error detection with transit dosimetry in radiotherapy	KRAAN, Aafke
14:15	[147] Ex-Vivo Positronium Lifetime Imaging with ^{44}Sc Using J-PET Scanner	KUBAT, Karol
14:17	[148] Mirror matter: towards precise measurement of ortho-positronium lifetime	MĘDRALA - SOWA, Justyna
14:19	[149] Quantification of Nanoscale Free Volumes in Human Plasma Clots Using Positron Annihilation Lifetime Spectroscopy	MOYO, Simbarashe
14:21	[150] Towards feasibility study of Positronium yield in proton beam therapy	MRYKA, Wiktor
14:23	[151] Enhancement of Biological PET Imaging via Quantum Entanglement using GAGG-SiPM pixel ring detectors	NAKAMURA, Koki
14:25	[152] Feasibility study of Antihydrogen vertex imaging using the modular J-PET	PANDEY, Piyush
14:29	[154] Extracellular Vesicles and How to Find Them	SŁOTWIŃSKI, Maciej
14:31	[155] Towards Charge conjugation symmetry test in Electromagnetic Interaction using J-PET	TANTY, Pooja

14:33	[156] SiPM Performance Characterization for Total-Body J-PET: Hamamatsu vs. Onsemi	TAYEFI ARDEBILI, Keyvan
14:35	[157] A Feasibility Study of Using Detector-Scattered Photons for Attenuation Map Generation in J-PET Scanner	TIWARI, Satyam
14:37	[158] Developing analysis criteria for studies of CP symmetry with photons From o-Ps decay and Compton scattering with the Modular J-PET Detector	VALSAN ELIYAN, Kavya
14:39	[159] Time-Based Separation of Scattering and Capture Processes in NAA Based on Monte Carlo Simulations in Geant4 toolkit	ZANTOWICZ, Wiktor