

PM2024 - 16th Pisa Meeting on Advanced Detectors

Monday, 27 May 2024

Applications to Industrial and Societal Challenges - Poster session - Sala Elena (09:41 - 12:50)

Tuesday, 28 May 2024

Applications to Industrial and Societal Challenges - Poster session - Sala Elena (08:31 - 12:30)

[id] title	presenter	board
[70] Gamma and fast neutron detection systems based on combined scintillators for nuclear safeguards and security applications	MORICHI, Massimo	
[136] Negative Capacitance Ferroelectric Devices for Radiation Detection Applications	MOROZZI, Arianna	
[142] FLASH Range QA Measurements with the Quality Assurance Range Calorimeter (QuARC)	ESCRIBANO-RODRIGUEZ, Sonia	
[146] A fluorescence-based beam monitor for ultra-high dose rate therapeutical beams	TRAINI, Giacomo	
[153] Development of a High-Resolution, High-Dynamic-Range Charge Detector for Ion Beam Monitoring	STARODUBTSEV, Oleksandr	
[156] Prototype water Cherenkov detector measurements for muon tomography applications	AVGITAS, Theodore	
[222] Detection and Simulation of Bragg Peaks in Proton Therapy Using Plastic Scintillators and Multiple Cameras	DA VIA, Cinzia	
[236] Planar silicon sensors for real-time monitoring of electron (and protons) FLASH beams	MEDINA, Elisabetta	
[252] Enhancing Ring Laser Gyroscope data analysis through Neural Networks for Earthquake detection and Phenomenon identification	DI SOMMA, Giuseppe	
[263] Charge measurement with nuclear emulsions spectrometers for hadron therapy fragmentation cross section measurements with the FOOT experiment	BOCCIA, Vincenzo	
[316] RIPTIDE: a proton-recoil track imaging detector for fast neutrons	Dr RIDOLFI, Riccardo	
[329] Deep Learning methods for 3D in-vivo dose reconstruction with EPID detector	Dr MARINI, Lorenzo	
[354] Medipix for dosimetry and beam characterisation in proton therapy facilities	RESTA LOPEZ, Javier	
[363] Development of a compact neutron spectrometer based on multi-element activation analysis	MAFUCCI, Ettore	
[377] Timepix4 assembly characterization using a monochromatic X-rays source at the ELETTRA facility	BOLZONELLA, Riccardo	
[379] Organic Electronic-based Neutron Detectors	BEVAN, Adrian	
[423] Open-Sky muon tomography on Glacier: first prototype results	CERVELLI, Alberto	
[530] Exploring the Cutting-Edge: The Latest Developments in Space Radiation Detector Technology and Their Non-Space Applications	VADRUCI, Monia	
[513] A 3D imaging system for dosimetry in FLASH radiotherapy	RAVERA, Eleonora	
[512] Development of a SiPM based gamma detector for pet imaging	BELKACEM, Rafik	
[449] Development of a Photon-to-Digital converter in 65 nm	GIAMPAOLO, Raffaele Aaron	
[149] The reSPECT project: an innovative SPECT detection system based on high-Z organic scintillators	TRAINI, Giacomo	
[287] A muon beam monitor for the CHNet-MAXI experiment at RIKEN-RAL laboratory	ROSSINI, Riccardo	