



# PM2021 - 15th Pisa Meeting on Advanced Detectors - Edition 2022

## Tuesday, 24 May 2022

### Application to life sciences and other societal challenges - Poster session (15:30 - 19:10)

-Conveners: Nicola D'Ascenzo; Mara Bruzzi

[id] title	presenter	board
[38] QuARC: A Quality Assurance Range Calorimeter for Proton Therapy	Mr SHAIKH, Saad	
[139] Performances of scintillators applied to Special Nuclear Material (SNM) measurements in the field of Nuclear Safeguards, material verification and Nuclear Security	Dr MORICHI, Massimo	
[164] uRANIA: a micro-Resistive WELL for neutron detection	GIOVANNETTI, Matteo	
[173] Measurement of the muon flux in the bunker of Monte Soratte with the CRC detector	GUSTAVINO, Giuliano	
[176] Characterisation of a scintillating fibre-based hodoscope exposed to the CNAO low-energy proton beam	ROSSINI, Riccardo	
[185] Astroparticle Experiments to Improve the Biological Risk Assessment of Exposure to Ionizing Radiation in the Exploratory Space Missions: The research topic initiative.	BARTOLONI, Alessandro	
[206] Visual prostheses based on Silicon PhotoMultiplier: the SPEye project	CATTANEO, Paolo Walter	
[212] First neutron tomography with the novel ANET compact neutron collimator	MONTI, Valeria	
[231] Fast Timing MPGD for ToF-PET	ERRICO, Filippo	
[253] A reconfigurable detector for measuring the spatial distribution of radiation dose for applications in the preparation of individual patient treatment plans	KOPEĆ, Maciej	
[299] Design and characteristics of a novel single plane Compton gamma camera based on GAGG scintillators readout by SiPMs	Mr DASH, Om Prakash	
[302] MLS analysis of INSIDE in-beam PET images for the detection of morphological changes in patients treated with protontherapy.	Mrs MOGLIONI, Martina	
[336] Characterization of charge sharing and fluorescence effects by multiple counts analysis in a Pixie-II based detection system.	DELOGU, Pasquale	
[358] Performance of monolithic BGO crystals as gamma ray detectors using a neural network event decoding algorithm	SPORTELLI, Giancarlo	
[361] Open-sky muon tomography for Glacier monitoring	CERVELLI, Alberto	
[425] Detection of inter-fraction morphological changes in particle therapy exploiting charged secondary fragments	TRAINI, Giacomo	
[273] Beam monitoring detectors for High Intensity Muon Beams	DAL MASO, Giovanni	
[465] The use of Low-Temperature Cofired Ceramics technology in Gas Electron Multiplier detectors	BIELOWKA, Piotr	
[400] ORIGIN, an EU project targeting real-time 3D dose imaging and source localization in brachytherapy: commissioning and first results of a 16-sensor prototype.	GIAZ, Agnese	
[252] Qualification of New Companies for the Production of Resistive Plate Chambers	KROHA, Hubert KROHA, Hubert	