

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

Thursday, 26 May 2022

Detectors Techniques for Cosmology and Astroparticle Physics - Poster session (15:30 - 18:50)

-Conveners: Luciano Gottardi; Regina Caputo

[id] title	presenter	board
[7] Latest results from the CUORE experiment	NUTINI, Irene	
[18] Ultra-fast infrared detector for astronomy	DRAGO, Alessandro	
[36] Calibration of the ICARUS cryogenic photo-detection system at FNAL	BONESINI, Maurizio Giorgio	
[48] Searching for dark photons using a multilayer dielectric haloscope	Dr MANENTI, Laura	
[50] Overview of the JUNO-TAO Detector	LOMBARDO, Claudio	
[51] Study on properties of AISI 316L produced by Laser Powder Bed Fusion for high energy physics applications	ROSSI, Cecilia	
[63] Exploring the lifetime and cosmic frontier with the proposed MATHUSLA experiment	ALPIGIANI, Cristiano	
[97] LIME - a gas TPC prototype for directional Dark Matter search for the CYGNO experiment	DI GIAMBATTISTA, Flaminia	
[100] The CYGNO experiment, a directional detector for direct Dark Matter searches	DHO, Giorgio	
[117] ixpeobssim: a Simulation and Analysis Framework for the Imaging X-ray Polarimetry Explorer	PESCE-ROLLINS, Melissa	
[133] Assembly and characterization of a large area SiPM array for the nEXO TPC teststand at Stanford	DALMASSON, Jacopo	
[137] The LEGEND-200 LAr veto system in the search of neutrinoless double beta decay	BURLAC, Nina	
[144] Development of a Penetrating particle ANalyzer for high-energy radiation measurements in deep space and interplanetary missions	DURANTI, Matteo	
[145] The DARKSIDE-20k neutron veto and its light detectors	SANTONE, Daria	
[146] The BDX-MINI detector for Light Dark Matter search at JLAB	SPREAFICO, Marco	
[168] Enabling precise X-ray polarimetry for the IXPE space explorer	LATRONICO, Luca	
[172] The Silicon Microstrip Tracker for Mini.PAN experiment	MOVILEANU, Maria	
[175] The Plastic Scintillation Detector for the HERD experiment	ALTOMARE, Corrado	
[201] Accounting for systematic uncertainties in the Imaging X-ray Polarimetry Explorer (IXPE) detector response	SILVESTRI, Stefano SILVESTRI, Stefano	
[207] Toward the first neutrino mass measurement of Holmes	BORGHESI, Matteo	
[219] Short-Baseline neutrino oscillation searches with the ICARUS detector	PASQUALINI, Laura	
[223] SPAD Array Chips with Integrated Readout with High Fill Factor and Low Dark Count Rate at Low Temperatures	Mr KELLER, Michael	
[247] Total Ionizing Dose effects on CMOS Image Sensor for the ULTRASAT space mission	BERLEA, Vlad Dumitru	

[260] ALADInO: an Antimatter Large Acceptance Detector In Orbit	DURANTI, Matteo	
[261] A Superconducting Space Magnet for the ALADInO Spectrometer	MUSENICH, Riccardo	
[263] Development and commissioning of the ion implanter for the HOLMES experiment.	DE GERONE, Matteo	
[277] The seismic isolation system of AdVirgo+ Phase II	CHESSA, Piero	
[280] multi-PMT electronics system for Hyper-Kamiokande	LAVITOLA, Luigi	
[354] The Silicon Charge Detector of the High Energy Cosmic Radiation Detection facility	DURANTI, Matteo	
[437] Measurement of cosmic-ray air-shower radio emission with an IceCube Surface Array station	DUJMOVIC, Hrvoje	
[342] Novel High Sensitivity Analysis for Determination of Ultra-Trace Elements in Liquid Samples	NASTASI, Massimiliano	
[330] Performances of the Fermi-LAT silicon strip tracker after 14 years of operation	MALDERA, Simone	
[408] An imaging detector for Liquid scintillator experiments	CICERO, Valentina	
[349] The TRISTAN Detection Module: a 166-Pixel Monolithic SDD Array for Beta Spectroscopy	FIORINI, Carlo Ettore Nicola	
[255] Low-threshold, large-mass Detector for Dark Matter and Coherent Neutrino Scattering	MAHAPATRA, Rupak	
[337] JUNO Calibration: hardware and strategy	SERAFINI, Andrea	
[308] Frost and electrostatic charge formation in mirrors of future gravitational wave detectors: mitigation strategies for two potential showstoppers	SPALLINO, Luisa	
[345] A multi-PMT photodetector system for the Hyper-Kamiokande experiment	LANGELLA, Aurora	
[360] The Scintillation Detectors and its DAQ of the IceCube Surface Array Enhancement	HUBER, Thomas	
[386] A seismic isolation system for the test masses of the Einstein Telescope	BOSCHI, Valerio	
[181] A tile prototype of the Plastic Scintillation Detector for HERD based on long Printed Circuit Boards: design and test with ion beams at CNAO	Dr ROSSELLA, Massimo	
[230] Baikal-GVD Neutrino Telescope	MALYSHKIN, Yury	