

PM2024 - 16th Pisa Meeting on Advanced Detectors

Monday, 27 May 2024

Integration and Detector Systems - Poster session - Sala Elena (15:31 - 19:20)

[id] title	presenter	board
[65] Lightweight Thermal Management Strategies for the Silicon Detectors of CBM at FAIR	Mr MATEJCEK, Franz	
[78] Operational experience and performance of the Belle II Silicon Vertex Detector after the first SuperKEKB Long Shut down	OTANI, Fumiaki	
[56] THE KM3NeT Broadcast optical system network	PULVIRENTI, Sara Rita	
[103] The high count-rate self-triggering Silicon Tracking System of the CBM experiment at FAIR – design, series assembly, upgrade options –	HEUSER, Johann	
[191] The LaBr3-based detection setup for the FAMU experiment at RIKEN-RAL	ROSSINI, Riccardo	
[94] The detector for the MUonE experiment at CERN.	DRIUTTI, Anna	
[106] Challenges and solutions in the mechanical design of the KM3NeT ARCA Base Module	SGURA, Irene	
[110] Longevity study of CMS Muon Detector facing the High Luminosity LHC phase	GOMES PINHEIRO, Joao Pedro	
[134] The upgraded laser calibration system of the ICARUS experiment at FNAL	BONESINI, Maurizio Giorgio	
[117] The description of the steps of the Q&A test and detector module assembly of the CBM-STs	Dr KESHELASHVILI, Irakli	
[173] The ATLAS RPC Phase II upgrade for High Luminosity LHC era	FALSETTI, Gregorio	
[157] Magnetometry for the Muon g-2 Experiment	GIOIOSA, Antonio	
[352] Tracking system performance of the future SHADOWS experiment at CERN	Dr ROY, Shreya	
[391] Detector design for a 10 TeV Muon Collider	DI MECO, Elisa	
[412] The LHCb Mighty Tracker	Dr GAO, Tianqi	
[428] Evolution of Flexible PCBs in Particle Detection: From ALICE ITS1 to Future Frontiers in Microfabrication for ALPIDE Chip Integration	LEGA, Alessandro	
[488] High Voltage Monolithic Active Pixel Sensors for the MOLLER Experiment	NILOY, Nafis	
[482] Detector development for the PIONEER experiment	FRAHM, Kolja	
[478] LUCID-3: the upgrade of the ATLAS Luminosity detector for High Luminosity LHC	CREMONINI, Davide	
[454] A new detection set-up for searching the X17 boson	GUSTAVINO, Carlo	
[212] Bayesian tuning of the Compact Muon Beam Line for the Mu3e experiment	DAL MASO, Giovanni	
[276] Commissioning of the Upstream Tracker for the LHCb Upgrade	ABELLAN BETETA, Carlos	
[447] Preparation for mass production and quality assurance of the mPMT module for Hyper-Kamiokande	DI NOLA, Alessandro	
[223] Developing multi-track event reconstruction to constrain the antiproton background in Mu2e	CHITHIRASREEMADAM, Namitha	

[224] Cooled SIPM for next generation of Ring Imaging Cherenkov detectors	CARDINALE, Roberta	
[238] Characterisation of Cherenkov detectors for the MOLLER experiment	CHATTERJEE, Sayak	
[255] Simulation and R&D studies for the muon spectrometer at a 10 TeV Muon Collider	BRUNOLDI, Matteo	
[257] Quality Control of LYSO:Ce crystals for the CMS barrel MIP Timing Detector	GARGIULO, Ruben	
[265] The Run 3 timing detector of the CMS Precision Proton Spectrometer: status and performance	RANTANEN, Milla-Maarit	
[294] Development of the electron detectors and readout electronics for BRAND experiment	GUPTA, Ghnashyam	
[311] ATLAS ITk Pixel Outer Endcap CO2 cooling system prototype	CARRÀ, Sonia	
[312] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN	LANTZSCH, Kerstin	
[348] The muon entrance trigger and TOF detector prototypes for the muEDM experiment	PAPA, Angela	
[177] A cryogenic system for measuring in the VUV range the absolute quantum efficiency of light detectors with large sensitive area.	RASELLI, Gian Luca	
[181] TetraBall: a single-moderator neutron spectrometers for HL-LHC	COSTA, Marco	
[207] Synthesis of Junction Box Quality Assurance for KM3NeT-ARCA Neutrino Detector	LAROSA, Giuseppina	