

FRONTIER DETECTORS FOR FRONTIER PHYSICS

13th Pisa Meeting on Advanced Detectors

Monday, May 25, 2015

Photo Detectors and PID - Poster Session (4:00 PM - 6:50 PM)

time	[id] title	presenter
4:00 PM	[335] Light induced tunnel effect in CNT-Si photodiode	ARAMO, Carla
4:01 PM	[25] On the operation of silicon photomultipliers at temperatures of 1-4 kelvin	Dr ACHENBACH, Patrick
4:02 PM	[264] Radiation hardness study of the Philips Digital Photon Counter with 800 MeV/c protons	Mr BARNYAKOV, Mikhail
4:03 PM	[324] Gain Compensation Technique by Bias Correction in Arrays of Silicon Photomultipliers Using Fully Differential Fast Shaper	Mr BASZCZYK, Mateusz
4:04 PM	[176] Results on diamond timing detector for the TOTEM experiment	Mr BOSSINI, Edoardo
4:05 PM	[286] Development of a low-cost fast-timing MCP photodetector	Dr BYRUM, Karen
4:06 PM	[102] The VSiPMT - A new generation of photodetectors	DE ASMUNDIS, Riccardo
4:07 PM	[171] Exploring the limits of hybrid pixel detectors with MÖNCH	Dr DINAPOLI, Roberto
4:08 PM	[47] The kaon identification system in the NA62 experiment at CERN SPS	Dr FRY, John R
4:09 PM	[378] Behaviour of multi-anode photomultipliers in magnetic fields for the LHCb RICH upgrade	Dr GAMBETT, Silvia
4:10 PM	[13] Optimization of Statistical Methods for HpGe Gamma-ray Spectrometer Used in Wide Count Rate Ranges	Dr GERVINO, Gianpiero
4:11 PM	[196] Development and characterization of a Schottky CdTe Medipix3RX hybrid photon counting detector with spatial and energy resolving capabilities	Dr GIMENEZ, Eva
4:12 PM	[380] Barrel time-of-flight detector for the PANDA experiment at FAIR	Dr GRUBER, Lukas
4:13 PM	[368] Effects of very high radiation on SiPMs	Mr HEERING, Adriaan Dr MUSIENKO, Yuri
4:15 PM	[33] Development of solar blind UV extended APD for readout of Barium Fluoride crystals	Prof. HITLIN, David
4:16 PM	[366] Parameters of the preproduction series SiPMs for the CMS HCAL Phase I Upgrade	Mr HEERING, Adriaan
4:18 PM	[244] Impact of polishing on the light scattering on aerogel surface.	Dr KRAVCHENKO, Evgeniy
4:19 PM	[248] Characterization of SiPMs for cryogenic applications	ROSSELLA, Massimo
4:20 PM	[185] Electron source uniformly distributed in the plane for MCP electron scrubbing and testing	Prof. LIU, shulin
4:21 PM	[169] SPAD Array Chips with Cluster Reconstruction and Fast Full Frame Readout	Ms SACCO, Ilaria
4:22 PM	[142] High granularity scintillating fiber trackers based on Silicon Photomultiplier	PAPA, Angela

Program

4:23 PM	[58] A new method improving multiplication factor in micro-pixel avalanche photodiodes with high pixel density	Mr SADIGOV, Azar
4:24 PM	[188] The Simulation of MCP and 20 inch MCP-PMT	Prof. LIU, Hulin
4:25 PM	[62] A new detector concept for silicon photomultipliers	Mr SADIGOV, Azar
4:26 PM	[307] Characterization of first prototype of high-density NUV-HD SiPMs for near-UV light detection	Dr PATERNOSTER, Giovanni
4:27 PM	[403] Test and characterization of SiPMs intended as detector for the MEG high resolution timing counter	SIMONETTA, Marcello
4:28 PM	[38] The CHarged ANTIcounter for the NA62 experiment at CERN	Mr MIRRA, Marco
4:29 PM	[23] Fast Timing Detector R&D for the HL-LHC era	Dr WHITE, Sebastian
4:30 PM	[149] The Performance Test of the 20 inch PMTs for JUNO	Prof. QIAN, Sen
4:31 PM	[319] Silicon photomultipliers for DM searches with liquid argon detectors	WALKER, Susan
4:32 PM	[361] Large size SiPm matrix for Imaging Atmospheric Cherenkov Telescopes applications	Prof. MARIOTTI, Mose
4:33 PM	[6] Picosecond Cherenkov detectors for heavy ion experiments at LHEP/JINR	Dr YUREVICH, Vladimir