16th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD23)

Tuesday 26 September 2023

<u>Poster session: wine and cheese</u> **(18:30 - 21:00)**

time	[id] title	presenter
18:56	[14] Development of a Modular Flame Detection System for Early Fire Detection in Large Areas	KALKAN, Yalcin
18:58	[15] Overview of the ATLAS High-Granularity Timing Detector: project status and results	MISSIO, Marion
19:00	[16] Serial Powering Characterisation for the CMS Inner Tracker at HL-LHC	CECCARELLI, Rudy
19:02	[17] Time calibration and synchronization of the scintillation light detection system in ICARUS-T600	RASELLI, Gianluca
19:04	[18] Design of the CMS High Granularity Calorimeter trigger primitive generator system	EHLE, Isaac
19:06	[19] Test and performance of the CMS ECAL barrel data conversion and digital processing ASIC for HL-LHC	BORCA, Cecilia
19:08	[20] New IceTop Trigger in the context of the planned IceCube Surface Detector Enhancement at the South Pole	PAUDEL, Ek Narayan
19:10	[21] Design, construction and qualification tests of the Mu2e crystal calorimeter	SPINELLA, Franco
19:14	[23] An automated object detection for muon tomography data analysis	GEORGADZE, Anzori
19:16	[24] Characterisation of a low-momentum high-rate muon beam monitor for the FAMU experiment at RIKEN-RAL	ROSSINI, RIccardo
19:18	[25] A Portable MUON Track Detection System Based on Position Resolution Sealed MRPC	LIU, Daming
19:20	[26] Long term aging studies of the new PMTs used for the HL-LHC ATLAS hadron calorimeter upgrade	LEONE, Sandra
19:22	[27] SiPM and Readout Electronics for the JUNO-TAO Central Detector	VENETTACCI, Carlo
19:26	[28] Beam diagnostics with silicon pixel detector array at PADME experiment	IVANOV, Svetoslav
19:28	[30] Experimental Setup for Optical Property Measurement in the VUV Region	COPELLO, Simone
19:32	[32] Thermal neutron detection based on resistive gaseous devices	GIOVANNETTI, Matteo
19:34	[33] The MUonE DAQ: Online Track-finding and Event Selection in Hardware at 40 MHz	MAGHERINI, Matteo
19:38	[35] Plastic scintillator fiber detectors for heavy ion trajectory reconstruction for the Super-FRS at FAIR	CZOGALIK, Martyna
19:40	[36] The ATLAS ITk Pixel Detector: the biggest challenges from design to construction	NECHAEVA, Serafima
19:42	[37] Design and commissioning of a Silicon Photomultiplier based dosimeter for Low Dose Rate (LDR) oncological brachytherapy	BURDYKO, Aleksandr TOMACIELLO, Giuliana
19:44	[38] Protecting experimental data using custom-designed Firewall Hardware	GROSSI, Marco

19:46	[39] Test and characterization of SiPMs for the upgrade of MEGII high resolution Timing Counter	ROSSELLA, Massimo
19:48	[40] Trigger-DAQ and slow control systems installation and tests in the Mu2e experiment	GIOIOSA, Antonio
19:50	[41] Hough Transform FPGA Solution for High Energy Physics Online Fast Tracking	ALFONSI, Fabrizio
19:54	[43] Radiation hardness and quality validation of On-Detector Electronics for the CMS Drift Tubes Upgrade	BERGNOLI, Antonio
19:56	[44] Assessment of Adaptive Multi-Pinhole Collimators for Multi-Purpose SPECT	OZSAHIN, Ilker
19:58	[45] Advanced Picosecond Precision RF Timer of keV Electrons	ZHAMKOCHYAN, Simon
20:00	[46] Evaluation of new scintillator crystals with multi-criteria decision-making methods for brain PET	OZSAHIN, Ilker
20:02	[47] Heterostructured fast scintillators for HEP and medical applications	SIMONE, Federica
20:08	[49] The XGIS instrument on board the THESEUS mission: Detector Principle and Read-out electronics	SRIVASTAVA, Smiriti