TIPP 2020

Monday 25 May 2020

Poster: Poster Session (16:00 - 23:58)

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[163] Simulation of Dark Current in Resistive Plate Chambers	DATTA, Jaydeep TRIPATHY, SRIDHAR MAJUMDAR, Nayana	
[43] Comparative aging studies on a Single Wire Proportional Chamber		
[116] Charge sharing in Gas Electron Multipliers	Ms ROY, Promita	
[108] Strategies for reducing the use of greenhouse gases from particle detectors operation at the CERN LHC experiments	GUIDA, Roberto	
[105] Studies on impurities and F-radicals production in gaseous detectors operated with Freon based gas mixtures at LHC Experiments	MANDELLI, Beatrice	
[78] Characterization of Photon readouts and Scintillators for Direct Dark Matter Search	Mr GHOSH, Sayan	
[259] Mechanical design of multi-PMT for the intermediate water Cherenkov detector of Hyper-K		
[202] MPGD-based photon detectors for the upgrade of COMPASS RICH-1 and beyond		
[79] A DAQ System for Pixel Array Detectors for Synchrotron Radiation Facilities		
[93] A Large Area Microchannel Plate Detector for Low Energy Proton Detection.		
[144] Batch test of PMTs for the water Cherenkov detector array in LHAASO project	Dr LI, Xin	
[242] The Semi Digital Hadronic CALorimeter (SDHCAL)		
[248] Development of Si-W sampling Calorimeter for the ALICE FoCal upgrade		
[73] The ALICE Muon Tracking Chambers Upgrade	SIDDHANTA, Sabyasachi	
[92] ATLAS LAr Calorimeter Commissioning for LHC Run-3		
[169] Measurement results for the ASoC: A High Performance Waveform Digitizer System-on-Chip		
[173] LLAMA - A novel system for in-situ monitoring of optical parameters in liquid argon	Mr SCHWARZ, Mario	
[49] Low radioactivity and Multi- disciplinarily Underground Laboratory of Modane (LSM)		
[107] Development of the fast timing driver board for SiPM	QIAN, Sen	
[206] Improvement of Energy Resolution in KamLAND-Zen by Implementing Signal Amplifier in Low-gain PMTs		
[18] An In-Situ Movable Calibration Source for Cryogenic Particle Detectors		
[217] Performance Simulations of High-Speed, Low-Bit Resolution Analog-to-Digital Converters	SAWCZYNEC, Erica	

[46] ATLAS Level-0 Endcap Muon Trigger for HL-LHC	KOBAYASHI, Ren KOBAYASHI, Ren	
[50] Research on Comprehensive Diagnosis Analysis Platform at CSNS Spectrometer		
[98] Front-End Electronics for LEGEND-200		
[160] The LHCb Upstream Tracker		
[11] The new software based read out driver for the ATLAS experiment	ABULAITI, Yiming	
[121] Preliminary Design and implementation of CGEM DAQ software		
[188] Scintillation balloon for neutrino-less double-beta decay search with a liquid scintillator detector	Mr NAKAMURA, Rikuo	
[182] Simultaneous Bidirectional Data-Transmitter for Future HEP Experiments	KISHISHITA, Tetsuichi	
[230] Ba-ion extraction from high pressure Xe gas for double-beta decay studies with nEXO		
[167] A fast method for particle tracking and triggering using small-radius silicon detectors	KOTWAL, Ashutosh	
[9] ATLAS Level-1 Endcap Muon Trigger for LHC Run 3	SUGIZAKI, Kaito	
[90] OpenIPMC: a free and open source Intelligent Platform Management Controller	CALLIGARIS, Luigi	
[15] Electrical Properties of Fe-Implanted Silicon Based Schottky Diodes for Detectors in High Energy Physics Experiment.	Mr BODUNRIN, Joseph	
[186] A Read-Out System with Charge Measurement using Time-Over-Threshold Property of NINO ASICs using FPGA.	TRIPATHY, sridhar DATTA, Jaydeep MAJUMDAR, Nayana MUKHOPADHYAY, Supratik	
[198] Front-End Electronics development for TPC/MPD detector of NICA project		
[256] Multi-PMTs for IWCD neutrino detector		
[208] A Novel High Rate Readout System for a High Efficiency Cosmic Ray Veto for the Mu2e Experiment		
[191] Development of a System for Luminosity and Abort at the HL-LHC based on polycrystalline CVD diamond	GORISEK, Andrej	
[192] Test of a prototype Microstrip Silicon Detector for the FOOT experiment	SILVESTRE, Gianluigi	
[187] Development of pixelated silicon sensor integrated with junction field effect transistor		
[170] Radiation-Hard Silicon Strip Sensors for the ATLAS Phase-2 Upgrade		
[161] Design and simulation on depleted HVCMOS 50µm×50µm sensor using 150 nm CMOS technology for particle detector	Dr ZHAO, Mei	
[174] Design and construction of a small PET/SPECT scanner with GAGG/CsI phoswich assemblies		
[234] A fully silicon based multi-proton Computed Tomography Device		
[171] Underground Muography with Portable Gaseous Detectors	Dr HAMAR, Gergo	
[185] Integrated Readout Electronics for Large Area Picosecond Photodetectors	CROKER, Kevin	
[115] Test Beam Studies of Barrel and End-Cap Modules for the ATLAS ITk Strip Detector before and after Irradiation		
[12] Module development for the ATLAS ITk Pixel Detector		

[64] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN		
[23] Novel calibration techniques and their effect on the performance of the CMS tracker in the Legacy reprocessing		
[120] CALICE SiW ECAL - Beam test performance of a technological prototype of a highly granular silicon tungsten calorimeter		
[27] Performance of CMS high granularity calorimeter prototypes in testbeam experiments		
[31] Calibration and Performance of the CMS Electromagnetic Calorimeter in LHC Run2	WANG, Jin WANG, Jin	
[61] The Next Generation of Crystal Detectors for Future HEP Calorimetry		
[47] An extension of Associative Memory approach to tracking with a drift-tube detector using timing information and its demonstration for HL-LHC ATLAS muon trigger	HE, Yunjian	
[152] Locating Vertices in 4 Dimensions		
[44] Artificial Material Composites for Potential Sensor Applications	DEHMELT, Klaus	
[165] Noise performance of the ALPIDE-based ALICE Inner Tracking System		
[154] Microchannel cooling for the LHCb VELO Upgrade		
[265] Performance and Running Experience of the Belle II Silicon Vertex Detector		
[24] Aging study for the present CMS-RPC system at HL-LHC		
[113] Automatic quality check system of scintillator cubes using image analysis technique for T2K near detector upgrade	Mr TANI, Mao	
[262] High precision magnetometry requirements for the search of the electric dipole moment of the neutron		
[34] The CMS Electromagnetic Calorimeter Clustering and Energy reconstruction for LHC Run3	LYON, Anne-Mazarine	
[85] Precision survey of the readout elements of small-strip Thin Gap Chambers using collimated X-rays for the muon spectrometer upgrade of the ATLAS experiment	ATLAS, Muon Coll.	
[37] Development of Structured Scintillator Tiles for High-Granularity Calorimeters	WEITZEL, Quirin	
[7] The performance and operational experience of ATLAS SemiConductor Tracker in Run-2 at LHC	MOCHIZUKI, Kazuya	