

11th LHC students poster session

Thursday 18 November 2021

Detector operations, upgrades and R&D: Detector operations, upgrades and R&D - Zoom event (17:05 - 19:05)

time	[id] title	presenter
17:05	[18] Assembly, qualification and testing of BTL Modules in the CMS MIP Timing Detector	LI, Ang
17:06	[19] Development of a L1 tau lepton trigger algorithm for the HL-LHC using the CMS high-granularity calorimeter information	MOTTA, Jona
17:07	[20] A Test Beam & Cosmic Facility to Evaluate, Calibrate, and Monitor CMS HGCALEX Hexaboards	LI, Jason
17:08	[21] Preparation of the high granularity CMS calorimeter for HL-LHC - DAQ overview and particle reconstruction	ALPANA, Alpina
17:09	[22] Assembly and Commissioning of the CMS Fast Beam Condition Monitor for Run 3	WANCZYK, Joanna
17:10	[23] Timing performance analysis of CMS HGCALEX prototypes in beam tests	BUCHOT PERRAGUIN, Axel Newton
17:11	[24] Preparation of the CMS Pixel Detector for Run 3	HAZA, Grace
17:12	[25] Electronics integration for the GE2/1 and ME0 GEM detector systems for the CMS Phase-2 Muon System Upgrade	BUTALLA, Stephen
17:13	[27] New ALICE Fast Interaction Trigger	BYSIAK, Sebastian
17:14	[44] The LHCb Muon Detector for Upgrade II	DEBERNARDIS, Francesco
17:15	[46] Sub-ns Cherenkov photon detection for the LHCb RICH system in high-occupancy conditions	KEIZER, Floris
17:16	[48] The ECAL for LHCb in Upgrade II	MARTINAZZOLI, Loris
17:17	[53] The VELO detector for Upgrade II of LHCb	HAIMBERGER, Jakob
17:18	[54] Tupling and Analysis Productions at LHCb	FERRILLO, Martina
17:19	[55] Quantum Machine Learning at LHCb	NICOTRA, Davide
17:20	[56] Real-time Alignment at LHCb	COBBLEDICK, John Leslie
17:21	[57] Introducing fast simulation models in the MC simulation framework at LHCb	MAZUREK, Michal
17:22	[60] Performance of LGAD sensors for the ATLAS High-Granularity Timing Detector HGTD	EL JARRARI, Hassnae
17:23	[61] Test beam studies of ATLAS ITk strip modules for the ATLAS Phase-II upgrade	RODRIGUEZ RODRIGUEZ, Arturo
17:24	[62] Electrical characterisation of stave prototypes for the ATLAS ITk Strip Detector Upgrade	CAPOCASA, Francesca
17:25	[63] Measuring Single Event Upset Cross Sections and Other Radiation Effects in Readout Electronics for the ATLAS Inner Tracker Upgrade	BASSO, Matthew
17:26	[64] Probing ABCStar Front-End Readout ASICs for the new ATLAS Inner Tracker	NORMAN, Bryce John

17:27	[65] Thermal and electrical performance of the ATLAS ITk strip module testing setup at BNL	SHARMA, Punit
17:28	[66] Understanding thermally induced stresses in ATLAS ITk Pixel modules	KORN, Steffen
17:29	[67] Measuring the radiation hardness of the ATLAS ITkPixV1 chip	MIRONOVA, Maria
17:30	[68] ATLAS LAr Calorimeter Readiness for LHC Run-3	KRESSE, Tom
17:31	[82] Small-Strip Thin Gap Chambers for the New Small Wheel Upgrade of the ATLAS Experiment	KYRIACOU, Nicholas Graves
17:32	[83] Implementation of the DCS System of the new MDT BIS78 Chambers for the upgrade of muon system of the ATLAS Experiment	DRIVAS-KOULOURLIS, Ioannis
17:33	[84] The Readout and Detector Control Systems for the temperature and magnetic field monitoring in New Small Wheel Phase I upgrade of ATLAS detector	PARASKEVOPOULOS, Christos TZANOS, Stamatios
17:34	[85] Commissioning of the Phase-1 BIS78 pilot project for Phase-2 upgrade of the ATLAS muon spectrometer	TSAI, Meng-Ju
17:35	[88] The next generation of fast simulation in ATLAS	BEIRER, Joshua Falco BEIRER, Joshua Falco
17:36	[90] Readiness for Run3 of the ATLAS Forward Detectors	KOMAREK, Tomas
17:37	[91] Neural network algorithms for HL-LHC tau triggers in ATLAS	FRID, Yuval Yitzhak