

EPS-HEP2019

Thursday, July 11, 2019

Detector R&D and Data Handling - Campus Ledeganck - Aud. 4 (9:00 AM - 1:00 PM)

-Conveners: Nadia Pastrone; Niko Neufeld

time	[id] title	presenter
9:00 AM	[M38] Precision Timing with the CMS MIP Timing Detector	BORNHEIM, Adolf
9:15 AM	[M35] A High-Granularity Timing Detector for the Phase-II upgrade of the ATLAS Calorimeter system: detector concept, description and R&D and first beam test results	LEOPOLD, Alexander
9:30 AM	[M60] SciFi - A large Scintillating Fibre Tracker for LHCb	FEO, Mauricio
9:45 AM	[M23] The new Inner Tracking System for the ALICE Upgrade	Dr CORRALES MORALES, Yasser
10:00 AM	[M40] The Gigatracker of the NA62 experiment at CERN	KLEIMENOVA, Alina
10:15 AM	[M4] Commissioning of the Belle II Pixel Vertex Detector	Dr YE, Hua PXD-DEPFET COLLABORATION
10:30 AM	[M2] Upgrade of the ALICE Time Projection Chamber for the LHC Run3	GERA, Adam Laszlo
10:45 AM	[M2] Status of the TORCH time-of-flight detector	HADAVIZADEH, Tom
11:00 AM	Coffee break	
11:30 AM	[M3] First Experiences with the Novel Time of Propagation (TOP) Barrel PID Detector in the Belle II Experiment	HARTBRICH, Oskar
11:45 AM	[M20] MUON Spectrometry at forward rapidities in ALICE	FERRERO, Andrea
12:00 PM	[M5] Frontend and backend electronics for the ATLAS New Small Wheel Upgrade	WANG, Ann Miao
12:15 PM	[M7] The GEM (GE1/1) Phase II Upgrade for the CMS muon system: results from in-situ demonstrator, production detector qualification, and commissioning plans	VAI, Ilaria
12:30 PM	[M] The CMS Tracker Upgrade for the High Luminosity LHC	PAOLETTI, Simone
12:45 PM	[M3] The FAMU experiment at RIKEN RAL for a precise measure of the proton radius	BONESINI, Maurizio BONESINI, Maurizio BONESINI, Maurizio

Detector R&D and Data Handling - Campus Ledeganck - Aud. 4 (2:30 PM - 6:30 PM)

-Conveners: Niko Neufeld

time	[id] title	presenter
2:30 PM	[M83] The PADME experiment	Dr CHIODINI, Gabriele
2:45 PM	[M31] Detector Performances Studies at Muon Collider	LUCCHESI, Donatella LUCCHESI, Donatella
3:00 PM	[M3] Commissioning of the Cylindrical Drift Chamber for the COMET experiment	MORITSU, Manabu

3:15 PM	[M50] Performances of multi-PMT photodetector for the Hyper-Kamiokande experiment	QUILAIN, Benjamin
3:30 PM	[M67] Performance of the SoLid reactor neutrino detector	MANZANILLAS, Luis
3:45 PM	[M69] THE ELECTRONICS READOUT SYSTEM OF THE JUNO EXPERIMENT	CLERBAUX, Barbara
4:00 PM	Coffee break	
4:30 PM	[M91] Characterisation of planar and 3D Silicon pixel sensors for the high luminosity phase of the CMS experiment at LHC	ZUOLO, Davide
4:45 PM	[M06] 4D particle tracking with Resistive AC-Coupled Silicon Detectors	MANDURRINO, Marco
5:00 PM	[M62] High time resolution, two-dimensional position sensitive MSMRPC for high energy physics experiments	Dr PETRIS, Mariana
5:15 PM	[M65] Fluoride production in CMS Resistive Plate Chambers (RPC) and long-term aging studies	GELMI, Andrea
5:30 PM	[M24] Single Event Upsets in the ATLAS IBL Frontend ASICs at the Large Hadron Collider at CERN	LIU, Peilian
5:45 PM	[M23] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	ROSSINI, Lorenzo
6:00 PM	[M61] Reconstruction in an imaging calorimeter for HL-LHC	MARTELLI, Arabella
6:15 PM	[M82] Exploring the structure of hadronic showers and hadronic energy reconstruction with highly granular calorimeters	LAKTINEH, Imad

Friday, July 12, 2019

Detector R&D and Data Handling - Campus Ledeganck - Aud. 4 (9:00 AM - 1:00 PM)

-Conveners: Nadia Pastrone; Niko Neufeld

time	[id] title	presenter
9:00 AM	[M78] A comprehensive real-time analysis model in Run 2 at the LHCb experiment	MITRESKA, Biljana
9:15 AM	[M04] A Novel Approach to Calorimeter-based Particle Identification at the Belle II Experiment using Scintillator Pulse Shape Discrimination	LONGO, Savino
9:30 AM	[M1] Application of Quantum Machine Learning to High Energy Physics Analysis at LHC using IBM Quantum Computer Simulators and IBM Quantum Computer Hardware	ZHOU, Chen
9:45 AM	[M00] Overview of the HL-LHC Upgrade for the CMS Level-1 Trigger	CAILLOL, Cecile Sarah
10:00 AM	[M06] The ATLAS Hardware Track Trigger design towards first prototypes	PASTORE, Francesca
10:15 AM	[M0] Level 1 Muon Triggers for the CMS Experiment at the HL-LHC	FOLGUERAS, Santiago
10:30 AM	[M3] ATLAS Level-1 Endcap Muon Trigger for Run 3	KISHIMOTO, Tomoe
10:45 AM	[M5] ATLAS Level-0 Endcap Muon Trigger for HL-LHC	ASADA, Haruka
11:00 AM	Coffee break	
11:30 AM	[M0] Data Scouting and Data Parking with the CMS High level Trigger	MUKHERJEE, Swagata
11:45 AM	[M5] Fast Online Trigger using FPGA-based Event Classification for the COMET Phase-I	Mr NAKAZAWA, Yu
12:00 PM	[M7] Implementation of the ATLAS trigger within the multi-threaded AthenaMT framework	YILDIZ, Cenk
12:15 PM	[M7] Design and performance of the LHCb trigger and full real-time reconstruction in Run 2 of the LHC	DE CIAN, Michel
12:30 PM	[M4] ATLAS LAr Calorimeter Performance in LHC Run-2	MILIC, Adriana
12:45 PM	[M1] Conclusions from TrackML the HEP Tracking Machine Learning challenge	BASARA, Laurent Roger Igor