

ICHEP 2020

Tuesday, July 28, 2020

Operation, Performance and Upgrade of Present Detectors: Session I - Premiere (3:30 PM - 8:55 PM)

-Conveners: Stefania Beole; Jiri Kroll; Sowjanya Gollapinni

time	[id] title	presenter
3:30 PM	[M54] THE LIGO-VIRGO OBSERVATION RUN 3 (APRIL 2019 – APRIL 2020)	Dr ARNAUD, Nicolas
3:45 PM	[M05] The AugerPrime Upgrade of the Pierre Auger Observatory.	CATALDI, Gabriella
4:00 PM	[M3] The Mu2e Electromagnetic Calorimeter	MORESCALCHI, Luca
4:15 PM	[M40] Construction and performance of 4-D CsI calorimeter for the $\pi^0 \rightarrow \gamma \gamma$ search of KOTO experiment	KOTERA, Katsushige
4:30 PM	[M51] Analysis of the magnetic field in the Fermilab muon g-2 experiment	CHARITY, Saskia
4:45 PM	[M52] Muon g-2 beam and spin systematic effects for Run-1	Dr GANGULY, Sudeshna
5:00 PM	[M79] ALPIDE pixel detector for tracking in space.	ZUCCON, Paolo
5:15 PM	Coffee break	
5:20 PM	[M57] The MicroBooNE Experiment	SHARANKOVA, Ralitsa
5:35 PM	[M78] Construction, installation and operation of ProtoDUNE-SP	BORDONI, Stefania
5:50 PM	[M77] Performance of photon detectors in ProtoDUNE-SP	TOTANI, Dante
6:05 PM	[M75] Measurement of space charge effects in ProtoDUNE-SP	MOONEY, Michael
6:20 PM	[M76] Energy calibration of the ProtoDUNE-SP TPC	DIURBA, Richard
6:30 PM	[M5] The MCP based Large Area PMTs for Neutrino Detector	QIAN, Sen
6:45 PM	[M60] Performance of the SoLid reactor neutrino detector	ROY, Noe
7:00 PM	Coffee break	
7:05 PM	[M99] The sPHENIX experiment at RHIC	DEAN, Cameron
7:20 PM	[M81] ALICE upgrades for Run 3	PANEBIANCO, Stefano Matthias
7:35 PM	[M77] Status of the Fast Interaction Trigger for ALICE Upgrade	SLUPECKI, Maciej
7:50 PM	[M13] Performance of the LHCb detector in the Run 2	PILI, Martina
8:05 PM	[M28] The LHCb Upgrade Programme for Run 3 and Run 4	ALESSIO, Federico
8:20 PM	[M26] The LHCb VELO Upgrade	SVIHRA, Peter
8:35 PM	[M74] The pixel vertex detector at Belle II	MUELLER, Felix

Wednesday, July 29, 2020

Operation, Performance and Upgrade of Present Detectors: Session I - Replay (8:00 AM - 1:00 PM)

-Conveners: Jiri Kroll

Operation, Performance and Upgrade of Present Detectors: Session II - Premiere (3:30 PM - 8:55 PM)

-Conveners: Alexandr Kuzmin; Jiri Kroll

time	[id] title	presenter
3:30 PM	[M23] Precision calorimetry at high luminosity: the CMS electromagnetic calorimeter from the LHC Run 2 to the HL-LHC	SOLDI, Dario
3:45 PM	[M49] ATLAS LAr Calorimeter Commissioning for LHC Run-3	STRIZENEC, Pavol
4:00 PM	[M06] Performance of the ATLAS Tile Calorimeter	HARKUSHA, Siarhei
4:15 PM	[M65] Performance of the ATLAS RPC detector and L1 Muon Barrel trigger at $\sqrt{s} = 13$ TeV	HAN, Kunlin
4:30 PM	[M71] Track-based muon system alignment of the CMS detector	KIM, Hyunyong
4:45 PM	[M60] Small-Strip Thin Gap Chambers and electronics performance for the Muon Spectrometer Upgrade of the ATLAS Experiment	NASERI, Mohsen
5:00 PM	[M12] Cosmic results with the final Micromegas sectors for the ATLAS Muon upgrade	RABANAL BOLANOS, Gabriel
5:15 PM	Coffee break	
5:20 PM	[M51] Luminosity measurement with the ATLAS experiment at the LHC	CARTER, Joseph William
5:35 PM	[M21] CMS track reconstruction performance during Run 2 and developments for Run 3	ELMETENAWEE, Walaa
5:50 PM	[M33] CMS electron and photon performance at Run 2 and prospects for Run 3	SOFFI, Livia
6:05 PM	[M34] CMS jet and missing transverse momentum performance at Run 2 and prospects for Run 3	MALARA, Andrea
6:20 PM	[M98] Tau identification exploiting deep learning techniques	CARDINI, Andrea CARDINI, Andrea
6:35 PM	[M33] New jet tagging techniques at CMS	SCHWARZ, Dennis
6:50 PM	[M02] Heavy flavour tagging in CMS in Run 2	CALANDRI, Alessandro
7:05 PM	Coffee break	
7:10 PM	[M19] Flexible physics selections at 30 MHz	DAUSSY-RENAUDIN, Victor
7:25 PM	[M20] Physics and throughput performance of the real-time reconstruction for the LHCb upgrade	QUAGLIANI, Renato
7:40 PM	[M79] Trigger efficiency measurement using $e+e- \rightarrow \tau+\tau-$ events at Belle II	RADOS, Petar Kevin
7:55 PM	[M00] The ATLAS Inner Detector Trigger performance in pp collisions at 13 TeV during LHC Run 2	GRANDI, Mario
8:10 PM	[M93] The phase-1 upgrade of the ATLAS level-1 calorimeter trigger	WHALEN, Kate
8:25 PM	[M97] Triggering on Hadronic Signatures with the ATLAS Detector	CARLSON, Benjamin Taylor
8:40 PM	[M03] Preparing the ATLAS Trigger Software for Multi-threaded Operation	STOCKTON, Mark

Thursday, July 30, 2020

Operation, Performance and Upgrade of Present Detectors: Session II - Replay (1:00 AM - 6:00 AM)

-Conveners: Jiri Kroll

Operation, Performance and Upgrade of Present Detectors: Session III - Premiere (8:00 AM - 1:25 PM)

-Conveners: Jiri Kroll; Stefania Beole; Prafulla Behera; Anne Dabrowski

time	[id] title	presenter
8:00 AM	[M4] MURMUR: a new low-noise experiment for the search of neutron-hidden neutron transitions in the context of braneworld scenarios	Ms STASSER, Coraline Dr MÉPLAN, Olivier
8:15 AM	[M67] Timepix3 as solid-state time-projection chamber in particle and nuclear physics	BERGMANN, Benedikt
8:30 AM	[M23] The Upgrade of the LHCb RICH Detector	MINZONI, Luca
8:45 AM	[M49] Running Experience and Performance of the Novel Time of Propagation (TOP) Barrel PID Detector in the Belle II Experiment	Dr HARTBRICH, Oskar
9:00 AM	[M42] The Alignment of the ATLAS Forward Proton Detector	LIU, Jesse
9:15 AM	[M43] The ATLAS Forward Proton Time-of-Flight Detector System	CERNY, Karel
9:30 AM	[M26] Performance and upgrade of the Precision Proton Spectrometer and performance of proton reconstruction with the CMS experiment	SOLANO, Ada
9:45 AM	Coffee break	
9:50 AM	[M06] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN	TSUNO, Soshi
10:05 AM	[M41] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	NACHMAN, Ben
10:20 AM	[M11] Tracker alignment of the CMS detector	CONNOR, Patrick
10:35 AM	[M17] Material budget estimation of the CMS tracker with triplet method	CHOWDHURY, Suvankar Roy
10:50 AM	[M46] Precision luminosity measurement with proton-proton collisions at the CMS experiment in Run 2	KNOLLE, Joscha
11:05 AM	[M02] The Belle II diamond-detector for radiation monitoring and beam abort	Dr JIN, Yifan
11:20 AM	Coffee break	
11:40 AM	[M07] The Belle II Experiment: Status and Prospects	MATSUOKA, Kodai
11:55 AM	[M02] Performance and background expectations of the Belle II pixel vertex detector at SuperKEKB	STEFKOVA, Slavomira
12:10 PM	[M08] The Belle II Silicon Vertex Detector: Performance and Running Experience	BACHER, Szymon
12:25 PM	[M4] The silicon strip tracking detector for the LHCb Upgrade	Dr CARLI, Ina
12:40 PM	[M11] Status and Future development of the Full Event Interpretation Algorithm at Belle II	SUTCLIFFE, William
12:55 PM	[M18] Track reconstruction efficiency measurement using $e^+e^- \rightarrow \tau^+\tau^-$ events at Belle II	ZANI, Laura
1:10 PM	[M73] B lifetimes at Belle II	PRAZ, Cyrille

Operation, Performance and Upgrade of Present Detectors: Session III - Replay (3:30 PM - 8:30 PM)

-Conveners: Jiri Kroll

Friday, July 31, 2020

Operation, Performance and Upgrade of Present Detectors: Session IV - Premiere (8:00 AM - 1:25 PM)

-Conveners: Anne Dabrowski; Jiri Kroll

time	[id] title	presenter
8:00 AM	[M07] Muon Identification and Performance in the ATLAS Experiment	OSPANOV, Rustem
8:15 AM	[M03] Performance of the reconstruction and identification of high-momentum muons collected with CMS in 13 TeV data	BATTILANA, Carlo
8:30 AM	[M40] Commissioning and prospects of first GEM station at the CMS experiment	MOCELLIN, Giovanni
8:45 AM	[M69] Large size multi-gap resistive Micromegas for the ATLAS New Small Wheel at CERN	FASSOULIOTIS, Dimitris
9:00 AM	[M67] Irradiation and Gas studies of Micromegas production chambers for the ATLAS New Small Wheel	PEZZOTTI, Lorenzo
9:15 AM	[M61] Integration and commissioning of ATLAS New Small Wheel Micromegas detectors with electronics at CERN	VAFEIADIS, Theodoros
9:30 AM	[M71] The ATLAS New Small Wheel Simulation and Reconstruction Software and Detector Performance Studies	KITSAKI, Chara
9:45 AM	Coffee break	
9:50 AM	[M47] Jet reconstruction and calibration in ATLAS	HANSEN, Eva
10:05 AM	[M08] Tracking and flavor-tagging performance at ATLAS	VARNI, Carlo
10:20 AM	[M48] Boosted object identification and their usage in searches for new physics in ATLAS	YANG, Yi-lin
10:35 AM	[M11] Real-time alignment, calibration, and software quality assurance for the LHCb upgrade	OYANGUREN, Maria Aranzazu
10:50 AM	[M44] Triggering in the ATLAS Experiment	MONTEJO BERLINGEN, Javier
11:05 AM	[M11] CMS High Level Trigger performance in Run 2 and new developments for Run 3	PRIMAVERA, Federica
11:20 AM	[M7] Design and Performance of the Belle II High Level Trigger	PRIM, Markus
11:35 AM	Coffee break	
11:40 AM	[M08] Projected ATLAS Electron and Photon Trigger Performance in Run 3	Dr MONTICELLI, Fernando
11:55 AM	[M02] Performance studies of the Run 3 jFEX algorithms in the ATLAS calorimeter trigger	VILLHAUER, Elena Michelle
12:10 PM	[M04] Real-time flavour tagging selection in ATLAS	VARNI, Carlo
12:25 PM	[M05] The ATLAS Muon Trigger Design and Performance	HIGUCHI, Yu Nakahama
12:40 PM	[M06] ATLAS Level-1 Endcap Muon Trigger for Run-3	MAEDA, Junpei
12:55 PM	[M05] Status and Performance of the Belle II DAQ System	HARTBRICH, Oskar
1:10 PM	[M42] The Data Quality Monitoring in CMS experiment	KIRILOVAS, Andrius

Operation, Performance and Upgrade of Present Detectors: Session IV - Replay (3:30 PM - 8:30 PM)

-Conveners: Jiri Kroll