

ICHEP 2020

Tuesday 28 July 2020

Operation, Performance and Upgrade of Present Detectors: Session I - Premiere (15:30 - 20:55)

-Conveners: Stefania Beole; Jiri Kroll; Sowjanya Gollapinni

time	[id] title	presenter
15:30	[254] THE LIGO-VIRGO OBSERVATION RUN 3 (APRIL 2019 – APRIL 2020)	Dr ARNAUD, Nicolas
15:45	[705] The AugerPrime Upgrade of the Pierre Auger Observatory.	CATALDI, Gabriella
16:00	[83] The Mu2e Electromagnetic Calorimeter	MORESCALCHI, Luca
16:15	[340] Construction and performance of 4-D CsI calorimeter for the $\pi^0 \rightarrow \gamma \gamma$ search of KOTO experiment	KOTERA, Katsushige
16:30	[851] Analysis of the magnetic field in the Fermilab muon g-2 experiment	CHARITY, Saskia
16:45	[852] Muon g-2 beam and spin systematic effects for Run-1	Dr GANGULY, Sudeshna
17:00	[879] ALPIDE pixel detector for tracking in space.	ZUCCON, Paolo
17:15	Coffee break	
17:20	[757] The MicroBooNE Experiment	SHARANKOVA, Ralitsa
17:35	[278] Construction, installation and operation of ProtoDUNE-SP	BORDONI, Stefania
17:50	[277] Performance of photon detectors in ProtoDUNE-SP	TOTANI, Dante
18:05	[275] Measurement of space charge effects in ProtoDUNE-SP	MOONEY, Michael
18:20	[276] Energy calibration of the ProtoDUNE-SP TPC	DIURBA, Richard
18:30	[65] The MCP based Large Area PMTs for Neutrino Detector	QIAN, Sen
18:45	[660] Performance of the SoLid reactor neutrino detector	ROY, Noe
19:00	Coffee break	
19:05	[999] The sPHENIX experiment at RHIC	DEAN, Cameron
19:20	[381] ALICE upgrades for Run 3	PANEBIANCO, Stefano Matthias
19:35	[377] Status of the Fast Interaction Trigger for ALICE Upgrade	SLUPECKI, Maciej
19:50	[513] Performance of the LHCb detector in the Run 2	PILI, Martina
20:05	[528] The LHCb Upgrade Programme for Run 3 and Run 4	ALESSIO, Federico
20:20	[526] The LHCb VELO Upgrade	SVIHRA, Peter
20:35	[874] The pixel vertex detector at Belle II	MUELLER, Felix

Wednesday 29 July 2020

Operation, Performance and Upgrade of Present Detectors: Session I - Replay (08:00 - 13:00)

-Conveners: Jiri Kroll

Operation, Performance and Upgrade of Present Detectors: Session II - Premiere (15:30 - 20:55)

-Conveners: Alexandr Kuzmin; Jiri Kroll

time	[id] title	presenter
15:30	[223] Precision calorimetry at high luminosity: the CMS electromagnetic calorimeter from the LHC Run 2 to the HL-LHC	SOLDI, Dario
15:45	[449] ATLAS LAr Calorimeter Commissioning for LHC Run-3	STRIZENEC, Pavol
16:00	[506] Performance of the ATLAS Tile Calorimeter	HARKUSHA, Siarhei
16:15	[465] Performance of the ATLAS RPC detector and L1 Muon Barrel trigger at $\sqrt{s} = 13$ TeV	HAN, Kunlin
16:30	[371] Track-based muon system alignment of the CMS detector	KIM, Hyunyoung
16:45	[460] Small-Strip Thin Gap Chambers and electronics performance for the Muon Spectrometer Upgrade of the ATLAS Experiment	NASERI, Mohsen
17:00	[512] Cosmic results with the final Micromegas sectors for the ATLAS Muon upgrade	RABANAL BOLANOS, Gabriel
17:15	Coffee break	
17:20	[451] Luminosity measurement with the ATLAS experiment at the LHC	CARTER, Joseph William
17:35	[321] CMS track reconstruction performance during Run 2 and developments for Run 3	ELMETENAWEE, Walaa
17:50	[333] CMS electron and photon performance at Run 2 and prospects for Run 3	SOFFI, Livia
18:05	[234] CMS jet and missing transverse momentum performance at Run 2 and prospects for Run 3	MALARA, Andrea
18:20	[298] Tau identification exploiting deep learning techniques	CARDINI, Andrea CARDINI, Andrea
18:35	[233] New jet tagging techniques at CMS	SCHWARZ, Dennis
18:50	[302] Heavy flavour tagging in CMS in Run 2	CALANDRI, Alessandro
19:05	Coffee break	
19:10	[519] Flexible physics selections at 30 MHz	DAUSSY-RENAUDIN, Victor
19:25	[520] Physics and throughput performance of the real-time reconstruction for the LHCb upgrade	QUAGLIANI, Renato
19:40	[579] Trigger efficiency measurement using $e+e- \rightarrow \tau+\tau-$ events at Belle II	RADOS, Petar Kevin
19:55	[500] The ATLAS Inner Detector Trigger performance in pp collisions at 13 TeV during LHC Run 2	GRANDI, Mario
20:10	[493] The phase-1 upgrade of the ATLAS level-1 calorimeter trigger	WHALEN, Kate
20:25	[497] Triggering on Hadronic Signatures with the ATLAS Detector	CARLSON, Benjamin Taylor
20:40	[503] Preparing the ATLAS Trigger Software for Multi-threaded Operation	STOCKTON, Mark

Thursday 30 July 2020

Operation, Performance and Upgrade of Present Detectors: Session II - Replay (01:00 - 06:00)

-Conveners: Jiri Kroll

Operation, Performance and Upgrade of Present Detectors: Session III - Premiere (08:00 - 13:25)

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

time	[id] title	presenter
08:00	[34] 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
08:15	[667] Timepix3 as solid-state time-projection chamber in particle and nuclear physics	BERGMANN, Benedikt
08:30	[523] The Upgrade of the LHCb RICH Detector	MINZONI, Luca
08:45	[849] Running Experience and Performance of the Novel Time of Propagation (TOP) Barrel PID Detector in the Belle II Experiment	Dr HARTBRICH, Oskar
09:00	[442] The Alignment of the ATLAS Forward Proton Detector	LIU, Jesse
09:15	[443] The ATLAS Forward Proton Time-of-Flight Detector System	CERNY, Karel
09:30	[226] Performance and upgrade of the Precision Proton Spectrometer and performance of proton reconstruction with the CMS experiment	SOLANO, Ada
09:45	Coffee break	
09:50	[206] Operational Experience and Performance with the ATLAS Pixel detector at the Large Hadron Collider at CERN	TSUNO, Soshi
10:05	[441] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	NACHMAN, Ben
10:20	[221] Tracker alignment of the CMS detector	CONNOR, Patrick
10:35	[227] Material budget estimation of the CMS tracker with triplet method	CHOWDHURY, Suvankar Roy
10:50	[246] Precision luminosity measurement with proton-proton collisions at the CMS experiment in Run 2	KNOLLE, Joscha
11:05	[202] The Belle II diamond-detector for radiation monitoring and beam abort	Dr JIN, Yifan
11:20	Coffee break	
11:40	[567] The Belle II Experiment: Status and Prospects	MATSUOKA, Kodai
11:55	[932] Performance and background expectations of the Belle II pixel vertex detector at SuperKEKB	STEFKOVA, Slavomira
12:10	[638] The Belle II Silicon Vertex Detector: Performance and Running Experience	BACHER, Szymon
12:25	[524] The silicon strip tracking detector for the LHCb Upgrade	Dr CARLI, Ina
12:40	[571] Status and Future development of the Full Event Interpretation Algorithm at Belle II	SUTCLIFFE, William
12:55	[578] Track reconstruction efficiency measurement using $e^+e^- \rightarrow \tau^+\tau^-$ events at Belle II	ZANI, Laura
13:10	[573] B lifetimes at Belle II	PRAZ, Cyrille

Operation, Performance and Upgrade of Present Detectors: Session III - Replay (15:30 - 20:30)

-Conveners: Jiri Kroll

Friday 31 July 2020

Operation, Performance and Upgrade of Present Detectors: Session IV - Premiere (08:00 - 13:25)

-Conveners: Anne Dabrowski; Jiri Kroll

time	[id] title	presenter
08:00	[207] Muon Identification and Performance in the ATLAS Experiment	OSPANOV, Rustem
08:15	[303] Performance of the reconstruction and identification of high-momentum muons collected with CMS in 13 TeV data	BATTILANA, Carlo
08:30	[440] Commissioning and prospects of first GEM station at the CMS experiment	MOCELLIN, Giovanni
08:45	[469] Large size multi-gap resistive Micromegas for the ATLAS New Small Wheel at CERN	FASSOULIOTIS, Dimitris
09:00	[467] Irradiation and Gas studies of Micromegas production chambers for the ATLAS New Small Wheel	PEZZOTTI, Lorenzo
09:15	[461] Integration and commissioning of ATLAS New Small Wheel Micromegas detectors with electronics at CERN	VAFEIADIS, Theodoros
09:30	[471] The ATLAS New Small Wheel Simulation and Reconstruction Software and Detector Performance Studies	KITSAKI, Chara
09:45	Coffee break	
09:50	[447] Jet reconstruction and calibration in ATLAS	HANSEN, Eva
10:05	[508] Tracking and flavor-tagging performance at ATLAS	VARNI, Carlo
10:20	[448] Boosted object identification and their usage in searches for new physics in ATLAS	YANG, Yi-lin
10:35	[521] Real-time alignment, calibration, and software quality assurance for the LHCb upgrade	OYANGUREN, Maria Aranzazu
10:50	[494] Triggering in the ATLAS Experiment	MONTEJO BERLINGEN, Javier
11:05	[231] CMS High Level Trigger performance in Run 2 and new developments for Run 3	PRIMAVERA, Federica
11:20	[707] Design and Performance of the Belle II High Level Trigger	PRIM, Markus
11:35	Coffee break	
11:40	[498] Projected ATLAS Electron and Photon Trigger Performance in Run 3	Dr MONTICELLI, Fernando
11:55	[502] Performance studies of the Run 3 jFEX algorithms in the ATLAS calorimeter trigger	VILLHAUER, Elena Michelle
12:10	[504] Real-time flavour tagging selection in ATLAS	VARNI, Carlo
12:25	[495] The ATLAS Muon Trigger Design and Performance	HIGUCHI, Yu Nakahama
12:40	[496] ATLAS Level-1 Endcap Muon Trigger for Run-3	MAEDA, Junpei
12:55	[895] Status and Performance of the Belle II DAQ System	HARTBRICH, Oskar
13:10	[742] The Data Quality Monitoring in CMS experiment	KIRILOVAS, Andrius

Operation, Performance and Upgrade of Present Detectors: Session IV - Replay (15:30 - 20:30)

-Conveners: Jiri Kroll