

2017 Meeting of the APS Division of Particles and Fields (DPF 2017)

Monday, 31 July 2017

Particle Detectors: Monday morning - IARC Building (10:45 - 12:15)

-Conveners: Diego Tonelli

time	[id] title	presenter
10:45	[78] Microhexcavity Plasma Panel Detectors	MULSKI, Alexis
11:03	[82] Ultra long-lived particles searches with MATHUSLA	Prof. WATTS, Gordon
11:21	[475] Overview of the CEPC Vertex Detector	Dr ZHU, Hongbo
11:39	[324] Optical Ring Resonators for HEP and Cosmology Applications	KUHLMANN, Stephen
11:57	[278] The Construction and Commissioning of the Belle II iTOP Counter	Dr WANG, Boqun

Particle Detectors: Monday afternoon - IARC Building (13:30 - 15:15)

-Conveners: Angela Fava

time	[id] title	presenter
13:30	[109] Upgrade of the ATLAS Monitored Drift Tube Electronics for the HL-LHC	Mr LIANG, yu
13:45	[179] Near-Infrared Scintillation of Liquid Argon	ESCOBAR, Carlos
14:00	[317] Studies with the LArIAT Light Collection System	Ms NUNES, Monica
14:15	[347] Characterizing LArTPC detector performance with MicroBooNE	Dr JOSHI, JYOTI
14:30	[379] Detector performance and cosmic-ray reconstruction efficiency in MicroBooNE	Mr SOLETI, Stefano Roberto
14:45	[416] protoDUNE-SP Cold Electronics Quality Control	KIRBY, Brian
15:00	[537] Development of fast timing detectors at Fermilab	Dr RONZHIN, Anatoly

Tuesday, 1 August 2017

Particle Detectors: Tuesday morning - IARC Building (10:45 - 12:15)

-Conveners: corrinne mills

time	[id] title	presenter
10:45	[80] The LUCID-2 detector	Prof. JAMES, Pinfeld
11:03	[112] Performance of the ATLAS Tile Calorimeter in Run 2 and Electronics Upgrade for High Luminosity LHC	Mr OLSSON, Joakim
11:21	[128] Commissioning and operation of the new CMS Phase 1 pixel detector	SI, Weinan
11:39	[256] Construction of the Phase 1 upgrade of the CMS pixel detector	ALYARI, Maral
11:57	[466] The LHCb Upgrades	RUDOLPH, Matthew

Particle Detectors: Tuesday afternoon - IARC Building (13:30 - 15:15)

-Conveners: Georgia Karagiorgi

time	[id] title	presenter
13:30	[302] Studies of GaInP based Geiger-mode APD arrays	Prof. HIROSKY, Bob CUMMINGS, Grace
13:51	[321] Detecting Axions with Superconducting Qubits	DIXIT, Akash
14:12	[187] Gain stabilization of Silicon Photomultipliers and Afterpulsing	Prof. EIGEN, Gerald
14:33	[450] Directional measurements of fast neutron backgrounds at SuperKEKB	HEDGES, Michael
14:54	[249] Characterizing New Detectors for SuperCDMS SNOLAB	FRITTS, Matthew

Wednesday, 2 August 2017

Particle Detectors: Wednesday morning - IARC Building (10:45 - 12:15)

-Conveners: Peter Onyisi

time	[id] title	presenter
10:45	[62] Plans for the Upgrade of the CMS Barrel Electromagnetic Calorimeter	Prof. COX, Brad
11:03	[243] ATLAS LAr Calorimeter Electronics Upgrade for the HL-LHC	Prof. ANDEEN, Tim
11:21	[46] Study of neutron-induced background hits in the CMS endcap muon system, and implications for the HL-LHC	SCHNAIBLE, Christian
11:39	[478] Upgrade of the ATLAS Muon Spectrometer for Phase II	SCHWARZ, Thomas
11:57	[374] Design and status of the Mu2e crystal calorimeter	DONGHIA, Rafaella

Particle Detectors: Wednesday afternoon - IARC Building (13:30 - 15:15)

-Conveners: Brad Cox

time	[id] title	presenter
13:30	[311] Normalizing to the Number of Stopped Muons in the Mu2e Experiment	Dr TRAN, Nam
13:48	[312] Preliminary Results from the AICap Experiment	Mr QUIRK, John
14:06	[313] Mu2e Solenoid Field Mapping System	Dr POLLACK, Brian
14:24	[375] Quality Assurance on Un-Doped CsI Crystals for the Mu2e Experiment	ECHENARD, Bertrand
14:42	[389] Performance of Scintillation Counters with Silicon Photomultiplier Readout	Dr EHRLICH, Ralf
15:00	[386] A High Efficiency Cosmic Ray Veto Detector for the Mu2e Experiment at Fermilab	Prof. DUKES, E. Craig

Thursday, 3 August 2017

Particle Detectors: Thursday morning - IARC Building (10:45 - 12:15)

-Conveners: Zoltan Gecse

time	[id] title	presenter
10:45	[113] Front End Digitization of tRPCs in the ATLAS Muon Spectrometer Phase-1 Upgrade	MENG, Xiangting
11:03	[136] Development of Trigger and Readout Electronics for the ATLAS New Small Wheel Detector Upgrade	Mr GUAN, LIANG
11:21	[288] Front-End Electronics Scheme for the Mu2e Straw Tracker	KARGIANTOULAKIS, Manolis
11:39	[301] Overview of the Fourth Flight of the ANITA Experiment	LUDWIG, Andrew
11:57	[467] A Novel Readout System for a High Efficiency Cosmic Ray Veto for the Mu2e Experiment	R. KRESWELL, Neely

Particle Detectors: Thursday afternoon - IARC Building (13:30 - 15:15)

-Conveners: Marcel Demarteau

time	[id] title	presenter
13:30	[474] 3D Diamond Sensor Development	GUI, Bin
13:51	[122] Modeling Radiation Damage to Pixel Sensors in the ATLAS Detector	NACHMAN, Benjamin
14:12	[147] Track Reconstruction Efficiencies with the H35DEMO HV-CMOS Pixel Detector	Mr ZHANG, Matt
14:33	[423] Design layout and expected performance of Inner Tracker for ATLAS Phase 2 Upgrade	Prof. BANERJEE, Swagato
14:55	[114] Enhancing the muon physics program of the CMS experiment during the high luminosity LHC with triple-foil GEM detectors in the forward region	Dr STURDY, Jared