

DPF2015**Tuesday 04 August 2015****Accelerators, Detectors, Computing - Koessler (14:00-15:52)****-Conveners: Joel England; Daniel Winklehner**

time	[id] title	presenter
14:00	[280] IsoDAR and DAEdALUS: The next generation of cyclotrons for neutrino physics	SPITZ, Joshua
14:30	[279] Early Beam Injection Scheme for the Fermilab Booster: A Path for Intensity Upgrade	Dr BHAT, Chandra
14:48	[195] 500 GeV ILC Operating Scenarios	BRAU, James
15:06	[272] HEPAP Accelerator R&D Subpanel	Prof. HARTILL, Don
15:24	[98] Crystal Ball : On the Future High Energy Colliders	Dr SHILTSEV, Vladimir

Accelerators, Detectors, Computing - Koessler (16:00-18:15)**-Conveners: Michael Aaron Kagan; Toyoko Orimoto**

time	[id] title	presenter
16:00	[72] Pilot System for the CMS Phase I Pixel Upgrade	STRINGER, Robert
16:15	[231] Studies on the prototype of ATLAS Phase-2 pixel module	YANG, Hongtao
16:30	[156] Radiation-Hard/High-Speed Parallel Optical Engine	GAN, K.K.
16:45	[349] A Cosmic Ray Veto Detector for the Mu2e Experiment at Fermilab	Prof. DUKES, E. Craig
17:00	[350] Performance of Scintillation Counters with Silicon Photomultiplier Readout	Mr WU, Yongyi
17:15	[332] Radiation Damage Testing of Silicon Photomultipliers for the Mu2e Experiment	Dr ZUTSHI, Vishnu
17:30	[219] Beam Test Results of the Dependence of Signal Size on Incident Particle Rate in Diamond Pixel and Pad Detectors	GUI, Bin
17:45	[63] The qualification of the forward pixel detector modules for the CMS phase 1 upgrade	ANTONELLI, Jamie

Wednesday 05 August 2015

Accelerators, Detectors, Computing - Koessler (14:00-15:30)

-Conveners: Michael Aaron Kagan; Toyoko Orimoto

time	[id] title	presenter
14:00	[32] Surface-Engineered Photocathode for Tunable Photoemissive Properties	VELAZQUEZ, Daniel VELAZQUEZ, Daniel
14:18	[227] Muon cooling progress and prospects for an S-channel muon collider Higgs factory	Prof. CUMMINGS, Mary Anne
14:36	[247] Compact Low-Voltage, High-Power, Multi-beam Klystron for ILC: Initial Test Results	SHCHELKUNOV, Sergey
14:54	[296] Beam Extinction and Monitoring at the Upcoming Mu2e Experiment	Prof. HOOPER, Ryan
15:12	[139] New Beam Profile Monitoring System for the Proton Irradiation Facility at the CERN PS East Area	WARNER, Joseph

Accelerators, Detectors, Computing - Koessler (16:00-18:00)

time	[id] title	presenter
16:00	[73] Low Voltage Power for the ATLAS New Small Wheel	EDGAR, Ryan Christopher
16:15	[292] Micro-pattern detectors based on plasma panels: Past, present, and future developments	DAVIES, Merlin
16:30	[199] A Straw Tube Tracker for the Mu2e Experiment	POPP, Jim
16:45	[169] Straw Leak Testing for the Mu2e Tracker	AMBROSE, Daniel
17:00	[221] Status of Belle II and SuperKEKB	Prof. ROSENFELD, Carl
17:15	[222] The iTOP particle identification detector at Belle II	NISHIMURA, Kurtis NISHIMURA, Kurtis NISHIMURA, Kurtis
17:30	[223] The upgraded KLM detector at Belle II	PIILONEN, Leo
17:45	[152] The SiD Detector for the International Linear Collider	WHITE, Andrew

Thursday 06 August 2015

Accelerators, Detectors, Computing - Koessler (14:00-15:30)

-Conveners: Torre Wenaus; Rainer Bartoldus

time	[id] title	presenter
14:00	[65] CMS Software and Computing: Ready for Run 2	BLOOM, Kenneth
14:13	[151] Software and Physics Simulation at Belle II	Prof. KIM, Doris
14:26	[224] GRID computing at Belle II	BANSAL, Vikas
14:39	[100] Code Management in the ATLAS Collaboration	Dr UNDRUS, Alexander
14:52	[90] The HEP Software Foundation	WENAU, Torre
15:05	[301] New Developments in Multivariate Machine Learning Methods and their Applications in HEP	BHAT, Pushpalatha
15:18	[322] Data Preservation at the Fermilab Tevatron	JAYATILAKA, Bo

Accelerators, Detectors, Computing - Koessler (16:00-18:05)

time	[id] title	presenter
16:00	[184] FELIX: the detector readout upgrade of the ATLAS experiment	RYU, Soo
16:15	[74] Design Study of the Options for the ATLAS Muon Drift Tube (MDT) Electronics for Phase-II	CHAPMAN, Jay
16:30	[47] Characterization of the Trigger Data Serializer ASIC Prototype for the ATLAS Forward Muon Detector Upgrade	Mr GUAN, Liang GUAN, Liang
16:45	[48] Design and Test of a Signal Packet Router Board Prototype for the ATLAS Forward Muon Detector Upgrade	Ms HU, Xueye
17:00	[253] Real Time Tracker Based Upon Local Hit Correlation Circuit for Silicon Strip Sensors	LEHMANN, Niklaus
17:15	[28] Impact of the GEM-based Upgrade of the CMS Forward Muon System on Trigger Performance	HUANG, Tao
17:30	[312] A Level-1 Track Trigger for the CMS Phase 2 Upgrade	WINER, Brian Lee
17:45	[378] The sPHENIX Calorimeter Readout Electronics	MANNEL, Eric

Friday 07 August 2015

Accelerators, Detectors, Computing - Koessler (14:00-15:30)

-Conveners: Michael Aaron Kagan; Toyoko Orimoto

time	[id] title	presenter
14:00	[185] Solid xenon bolometers	DOLINSKI, Michelle
14:15	[217] Development of a Photon Detection System in Liquid Argon for the Deep Underground Neutrino Experiment	Dr WHITTINGTON, Denver
14:30	[198] The Mu2e electromagnetic calorimeter	MIYASHITA, Tomonari
14:45	[258] Studies of Beam Induced Radiation Backgrounds at the Mu2e Experiment and Implications for the Cosmic Ray Veto Detector Operations	Dr OKSUZIAN, Yuri
15:00	[306] Progress on the development of 6 cm × 6 cm microchannel plate photodetectors at Argonne National Laboratory	WANG, Jingbo

Accelerators, Detectors, Computing - Koessler (16:00-18:18)

-Conveners: Daniel Winklehner; Joel England

time	[id] title	presenter
16:00	[397] High-efficiency acceleration of an electron beam in a plasma wakefield accelerator.	Dr LITOS, Michael
16:30	[300] Future Accelerator Facilities for High Energy Physics Research	BHAT, Pushpalatha
16:48	[281] Particle Acceleration - Laser Wakefield Experiments at U. Michigan	THOMAS, Alexander
17:06	[295] "TeV on a chip": X-ray wakefield accelerator in nanomaterials	Dr TAJIMA, Toshiki
17:24	[337] High-Gradient, Millimeter Wave Accelerating Structure	Dr KUZIKOV, Sergey
17:42	[167] Two-Beam-Acceleration Experiments at the Argonne Wakefield Accelerator Facility (AWA)	CONDE, Manoel