

ICHEP 2016 Chicago

Thursday 4 August 2016

Detector: R&D and Performance: Overview - Chicago 8 (09:00 - 11:00)

-Conveners: Ingrid-Maria Gregor

time	[id] title	presenter
09:00	[312] The SiD Detector for the International Linear Collider (15' + 5')	WHITE, Andrew
09:20	[789] ATLAS Upgrades for the next Decades (15' + 5')	VOLPI, Guido
09:40	[966] Detector Systems for the Muon g-2 Experiment (15' + 5')	KASPAR, Jarek
10:00	[37] Simulations for energy frontier (15' + 5')	CHEKANOV, Sergei
10:20	[1194] Status of the CEPC Project Accelerator, Detector and Physics (15' + 5')	GAO, Jie
10:40	[341] Study Of Boosted W-Jets And Higgs-Jets With the SIFCCDetector (15' + 5')	YU, Shin-Shan

Detector: R&D and Performance: Calorimeter - Chicago 8 (11:30 - 13:30)

-Conveners: Marzio Nessi

time	[id] title	presenter
11:30	[162] Design studies for the Phase II upgrade of the CMS Barrel Electromagnetic Calorimeter (12' + 3')	ORIMOTO, Toyoko
11:45	[354] Recent progress with very forward calorimeters for linear colliders (12' + 3')	BORYSOV, Oleksandr
12:00	[1613] Design, status and test of the Mu2e crystal calorimeter (12' + 3')	HITLIN, David
12:15	[514] Performance study for the CEPC ScW Ecal (12' + 3')	Dr WANG, Zhigang
12:30	[814] Upgrade of the ATLAS Calorimeters for Higher LHC Luminosities (12' + 3')	CARBONE, Ryne Michael
12:45	[898] test beam results on W-fiber and tilted plate calorimeters for a new RHIC experiment (12' + 3')	Dr FRANZ, Achim
13:00	[983] Technologies for highly granular electromagnetic and hadronic calorimeters (12' + 3')	TRAN, Huong Lan
13:15	[1349] The Shashlik Calorimeter, a LYSO/W plate Calorimeter for Precision EM Calorimeter in the High Luminosity LHC environment (12' + 3')	COX, Brad

Detector: R&D and Performance: Trigger/DAQ - Chicago 8 (14:30 - 16:30)

-Conveners: Kenji Inami

time	[id] title	presenter
14:30	[803] The ATLAS Dataflow system in Run-2: Design and Performance (12' + 3')	RIFKI, Othmane
14:45	[64] The Fast Interaction Trigger Upgrade for ALICE (12' + 3')	Prof. GARCIA-SOLIS, Edmundo
15:00	[1587] The CMS Level-1 Trigger for LHC Run II (12' + 3')	TAPPER, Alex
15:15	[331] A level-1 pixel based track trigger for the CMS upgrade (12' + 3')	MOON, Chang-Seong

15:30	[1588] The ATLAS Run-2 Trigger: Design, Menu, Performance and Operational Aspects (12' + 3')	MACHADO MIGUENS, Joana
15:45	[1597] Overview of the ATLAS Fast Tracker Project (12' + 3')	ANCU, Lucian Stefan
16:00	[805] The Upgrade of the ATLAS Electron and Photon Triggers for LHC Run 2 and their Performance (12' + 3')	MONTICELLI, Fernando
16:15	[184] Data acquisition and online control system for new gas-electron multiplier detectors in the endcap muon system of the CMS experiment (12' + 3')	Dr RUIZ ALVAREZ, Jose David

Detector: R&D and Performance: Tracking Detectors - Chicago 8 (17:00 - 19:15)

-Conveners: Ingrid-Maria Gregor

time	[id] title	presenter
17:00	[736] The Silicon Vertex Detector of the Belle II Experiment (12' + 3')	PALADINO, Antonio
17:15	[624] Silicon pixel R&D for CLIC (12' + 3')	DANNHEIM, Dominik
17:30	[1028] The LHCb VELO Upgrade (12' + 3')	DE CAPUA, Stefano
17:45	[327] The Phase-1 Upgrade of the CMS Pixel Detector (12' + 3')	MERKEL, Petra
18:00	[1001] First testbeam results of prototype modules for the upgrade of the ATLAS strip tracking detector (12' + 3')	KUEHN, Susanne
18:15	[1586] Upgrade of the CMS Tracker for the HL-LHC (12' + 3')	AUZINGER, Georg
18:30	[788] The upgraded Pixel Detector of the ATLAS experiment for Run-2 at the Large Hadron collider. (12' + 3')	GIORDANI, Mapo
18:45	[405] A High Resolution Fine Grained Tracker as the Reference Near Detector for DUNE (12' + 3')	BHUYAN, Bipul
19:00	[100] 3 Dimensional Stacked Pixel Detector and Sensor Technology Using less than 3- $\mu\text{m}\phi$ Robust Bump Junctions (12' + 3')	MOTOYOSHI, Makoto

Friday 5 August 2016

Detector: R&D and Performance: Trigger/DAQ - Chicago 8 (09:00 - 11:00)

-Conveners: Marzio Nessi

time	[id] title	presenter
09:00	[223] Mu2e upgrade physics reach optimization studies for the PIP-II era (15' + 5')	PRONSKIKH, Vitaly
09:20	[606] Status of SuperKEKB commissioning and Belle II detector construction (15' + 5')	LEWIS, Peter
09:40	[448] The Fermilab Test Beam Facility (15' + 5')	ROMINSKY, Mandy
10:00	[1293] GIF++: A new CERN Irradiation Facility to test large-area particle detectors for the High-Luminosity LHC program (15' + 5')	GUIDA, Roberto
10:20	[146] Hybrid cosmic rays detector (15' + 5')	ANDRADE, Diego FELIX, Julian
10:40	[175] Challenges of Particle Flow reconstruction in the CMS High-Granularity Calorimeter at the High-Luminosity LHC (15' + 5')	GRAY, Lindsey

Detector: R&D and Performance: Photodetectors - Chicago 8 (14:30 - 16:30)

-Conveners: Ingrid-Maria Gregor

time	[id] title	presenter
14:30	[126] The R&D of 20 inch MCP-PMTs in China (12' + 3')	LIU, shulin
14:45	[995] Pico-second Precise Photo-detectors for Particle Identification and Photon Vertex Identification (12' + 3')	CUSSANS, David
15:00	[1319] Pilot Production of Large Area Picosecond Photodetectors (12' + 3')	MINOT, Michael
15:15	[1400] MCP-PMT photodetectors in Cryogenic Environment (12' + 3')	DHARMAPALAN, Ranjan
15:30	[1407] Production and Testing of a Low-Cost Precision Timing Microchannel Plate Photodetector (12' + 3')	WANG, Jingbo
15:45	[1421] Creation of economical and robust large area MCPs by ALD method for photodetectors (12' + 3')	MANE, anil
16:00	[1432] An Indium Solder Flat Seal for the Assembly of Large-Area Planar MCP-based Detectors Without Vacuum Transfer of the Window (12' + 3')	ELAGIN, Andrey
16:15	[1439] Photocathodes with VUV-UV-Vis full range response for fast timing and imaging applications (12' + 3')	XIE, Junqi

Detector: R&D and Performance: Generic R&D - Chicago 8 (17:00 - 19:15)

-Conveners: Marzio Nessi

time	[id] title	presenter
17:00	[289] High Luminosity LHC Pixel Readout Test Chip and RD53A Prototype Plans (12' + 3')	GARCIA-SCIVERES, Mauricio
17:15	[446] Micro Pattern Gas Detector Technologies and Applications - the work of the RD51 Collaboration (12' + 3')	RESNATI, Filippo
17:30	[537] Status of R&D of the ANKOK project: Low mass WIMP search using double phase argon detector (12' + 3')	TANAKA, Masashi

17:45	[792] Resistive Micromegas for the Muon Spectrometer Upgrade of the ATLAS Experiment (12' + 3')	IODICE, Mauro
18:00	[926] Test beam results of 3D detectors constructed with single-crystal and poly-crystalline diamond (12' + 3')	WALLNY, Rainer
18:15	[1078] Precision radiation detectors for cutting edge research projects developed at the MPS Semiconductor Lab (12' + 3')	NINKOVIC, Jelena
18:30	[1348] Taking the CCDs to the ultimate performance for low threshold experiments (12' + 3')	SOFO HARO, Miguel
18:45	[1415] Radiation-Hard/High-Speed Parallel Optical Links (12' + 3')	GAN, K.K.
19:00	[1077] Developments of materials purification to produce calcium molybdate crystal for the AMoRE (12' + 3')	Dr PARK, Hyangkyu

Saturday 6 August 2016

Detector: R&D and Performance: Photodetectors - Chicago 8 (09:00 - 10:45)

-Conveners: Kenji Inami

time	[id] title	presenter
09:00	[1612] Upgrades and aging of the CMS muon system (12' + 3')	PILOT, Justin
09:15	[794] Small-Strip Thin Gap Chambers for the Muon Spectrometer Upgrade of the ATLAS Experiment (12' + 3')	ROJAS, Rimsky Alejandro
09:30	[1454] Performance Studies of Large Resistive Micromegas Quadruplets in Test-Beams and High Radiation Environments (12' + 3')	SIDIROPOULOU, Ourania
09:45	[1489] Research and Development of Commercially Manufactured Large GEM Foils (12' + 3')	Prof. SURROW, Bernd
10:00	[133] Increasing the sensitivity of LXe TPCs to dark matter by adding helium or neon (12' + 3')	LIPPINCOTT, Hugh
10:15	[619] Precision Calibration of Large Area Micromegas Detectors Using Cosmic Rays (12' + 3')	LOESEL, Philipp Jonathan
10:30	[732] Studies of Micro Pattern Gas Detector modules of a Large Prototype TPC for the ILC (12' + 3')	BELLERIVE, Alain

Detector: R&D and Performance: Performance - Chicago 8 (11:15 - 13:00)

-Conveners: Ingrid-Maria Gregor

time	[id] title	presenter
11:15	[164] Heavy-flavour jet identification at the CMS experiment for Run 2 (12' + 3')	VERZETTI, Mauro
11:30	[907] Performance of the reconstruction, calibration and identification of electrons and photons with the ATLAS detector (12' + 3')	HEIM, Sarah
11:45	[914] New developments in track reconstruction for the ATLAS experiment for Run-2 of the LHC (12' + 3')	PAGAN GRISO, Simone
12:00	[178] Performance of Missing Energy reconstruction at the CMS detector in 13 TeV data (12' + 3')	SCHOEFBECK, Robert
12:15	[1431] Improvement of Spatial Resolution by Selfconsistent Full Muon Track Reconstruction in Gaseous Detectors (12' + 3')	FLIERL, Bernhard Matthias
12:30	[674] The LArIAT experiment and charged pion total interaction cross section results on liquid argon (12' + 3')	CHATTERJEE, Animesh
12:45	[228] Tau Identification at CMS in Run II (12' + 3')	OJALVO, Isabel

Detector: R&D and Performance: PID and RICH - Chicago 8 (14:00 - 15:45)

-Conveners: Kenji Inami

time	[id] title	presenter
14:00	[235] Study on the performance of the Particle Identification Detectors at LHCb after the LHC First Long Shutdown (LS1) (12' + 3')	FONTANA, Marianna
14:15	[623] The KAON identification system at the NA62 experiment at CERN (12' + 3')	MASSRI, Karim
14:30	[720] The Belle II iTOP Detector (12' + 3')	SCHWARTZ, Alan

14:45	[992] The LHCb RICH system: current detector performance and status of the upgrade program (12' + 3')	FIORINI, Massimiliano
15:00	[1463] PERFORMANCES OF THE NA62 RICH DETECTOR (12' + 3')	BUCCI, Francesca
15:15	[755] R&D of a compact DIRC detector for use in an EIC (12' + 3')	ALLISON, Lee
15:30	[593] An Ar-gas ionization chamber for alpha particle detection at the Yangyang underground laboratory (12' + 3')	HA, Chang Hyon

Detector: R&D and Performance: Neutrinos - Chicago 8 (16:15 - 18:00)

-Conveners: **Marzio Nessi**

time	[id] title	presenter
16:15	[610] Development and Characterisation of Large Size RPC detectors for the INO-ICAL Experiment (12' + 3')	Prof. NAIMUDDIN, Md
16:30	[638] New 50 cm Photo-Detectors for Hyper-Kamiokande (12' + 3')	NISHIMURA, Yasuhiro
16:45	[663] Studies with the LArIAT light collection system (12' + 3')	FOREMAN, William
17:00	[1207] The WA105-3x1x1 m3 dual phase LAr-TPC demonstrator (12' + 3')	MURPHY, Sebastien
17:15	[1234] Results from Engineering Run of the Coherent Neutrino Nucleus Interaction Experiment (CONNIE) (12' + 3')	CANCELO, gustavo
17:30	[1308] Developing a water Cherenkov optical time-projection chamber (12' + 3')	OBERLA, eric
17:45	[1609] Design of the LBNF Beamline (12' + 3')	PAPADIMITRIOU, Vaia