21st International Conference on Computing in High Energy and Nuclear Physics (CHEP2015)

Monday, 13 April 2015

Track 2 Session: #1 (Reconstruction) - Auditorium (14:00 - 16:00)

   -Conveners: Elizabeth Sexton-Kennedy

time	[id] title	presenter
14:00	[209] Optimisation of the ATLAS Track Reconstruction Software for Run-2	SALZBURGER, Andreas
14:15	[429] Simulation and Reconstruction Upgrades for the CMS experiment	LANGE, David
14:30	[276] CMS reconstruction improvements for the tracking in large pile-up events	ROVERE, Marco
14:45	[267] Optimization of the LHCb track reconstruction	STORACI, Barbara
15:00	[277] Event Reconstruction Techniques in NOvA	ROCCO, Dominick
15:15	[66] Kalman Filter Tracking on Parallel Architectures	CERATI, Giuseppe
15:30	[306] Cellular Automaton based Track Finding for the Central Drift Chamber of Belle II	FROST, Oliver
15:45	[538] 4-Dimensional Event Building in the First-Level Event Selection of the CBM Experiment.	Dr KISEL, Ivan

Track 2 Session: #2 (Exp. Comp. Models) - Auditorium (16:30 - 18:30)

   -Conveners: Ivan Kisel

time	[id] title	presenter
16:30	[148] Status and future evolution of the ATLAS offline software	SEUSTER, Rolf
16:45	[182] Implementation of the ATLAS Run 2 event data model	SNYDER, Scott
17:00	[172] ATLAS Metadata Infrastructure Evolution for Run 2 and Beyond	Dr VAN GEMMEREN, Peter
17:15	[116] The Data Quality Monitoring Software for the CMS experiment at the LHC	ROVERE, Marco
17:30	[426] MiniAOD: A new analysis data format for CMS	Dr VUOSALO, Carl
17:45	[451] MAUS: The MICE Analysis and User Software	MARTYNIAK, Janusz
18:00	[213] The NOvA Simulation Chain	AURISANO, Adam
18:15	[510] The Heavy Photon Search Experiment Software Environment	GRAF, Norman Anthony

Tuesday, 14 April 2015

Track 2 Session: #3 (Frameworks) - Auditorium (14:00 - 16:00)

   -Conveners: Andrew Norman

time	[id] title	presenter
14:00	[165] Running ATLAS workloads within massively parallel distributed applications using Athena Multi-Process framework (AthenaMP)	TSULAIA, Vakho
14:15	[164] A New Petabyte-scale Data Derivation Framework for ATLAS	CATMORE, James
14:30	[151] Requirements for a Next Generation Framework: ATLAS Experience	Dr KAMA, Sami
14:45	[166] Development of a Next Generation Concurrent Framework for the ATLAS Experiment	LEGGETT, Charles
15:00	[120] Using the CMS Threaded Framework In A Production Environment	Dr JONES, Christopher
15:15	[258] New developments in the FairRoot framework	Dr UHLIG, Florian
15:30	[422] ALFA: The new ALICE-FAIR software framework	Dr AL-TURANY, Mohammad
15:45	[262] Physics Analysis Software Framework for Belle II	STARIC, marko

Track 2 Session: #4 (Simulation) - Auditorium (16:30 - 18:30)

   -Conveners: Andrea Dell'Acqua

time	[id] title	presenter
16:30	[503] Geant4 Version 10 Series	Dr ASAI, Makoto
16:45	[242] Geant4 VMC 3.0	HRIVNACOVA, Ivana
17:00	[445] slic : A full-featured Geant4 simulation program	GRAF, Norman Anthony
17:15	[531] The GeantV project: preparing the future of simulation	Mr CARMINATI, Federico
17:30	[126] CMS Full Simulation for Run-II	LANGE, David
17:45	[396] CMS Detector Description for Run II and Beyond	BOUDOUL, Gaelle
18:00	[319] Continuous Readout Simulation with FairRoot on the Example of the PANDA Experiment	Dr STOCKMANNS, Tobias
18:15	[83] Energy Reconstruction using Artificial Neural Networks and different analytic methods in a Highly Granularity Semi-Digital Hadronic Calorimeter.	MANNAI, Sameh

Thursday, 16 April 2015

Track 2 Session: #5 (Analysis) - Auditorium (09:00 - 10:30)

  -**Conveners: Andrew Norman**

time	[id] title	presenter
09:00	[150] The ATLAS Higgs Machine Learning Challenge	COWAN, Glen
09:15	[526] How the Monte Carlo production of a wide variety of different samples if centrally handled in the LHCb experiment.	CORTI, Gloria
09:30	[132] The Library Event Matching classifier for ν_e events in NOvA	ROCCO, Dominick
09:45	[394] Interpolation between multi-dimensional histograms using a new non-linear moment morphing method	GADATSCH, Stefan
10:00	[417] CosmoSIS: a system for MC parameter estimation	MANZOTTI, Alessandro
10:15	[117] The Bayesian analysis toolkit: version 1.0 and beyond	Dr BEAUJEAN, Frederik

Track 2 Session: #6 (Tools) - Auditorium (11:00 - 12:30)

  -**Conveners: Elizabeth Sexton-Kennedy**

time	[id] title	presenter
11:00	[474] Using R in ROOT with the ROOT-R package	MONETA, Lorenzo
11:15	[25] HistFitter: a flexible framework for statistical data analysis	BESJES, Geert Jan
11:30	[95] Accelerating Scientific Analysis with SciDB	Dr GERHARDT, Lisa
11:45	[129] DDG4 A Simulation Framework using the DD4hep Detector Description Toolkit	FRANK, Markus
12:00	[308] BESIII Physics Data Storing and Processing on HBase and MapReduce	Ms LEI, Xiaofeng
12:15	[421] Breaking the Silos: The art Documentation Suite	KUTSCHKE, Robert