



# 20th International Conference on Computing in High Energy and Nuclear Physics (CHEP2013)

## Monday 14 October 2013

### Event Processing, Simulation and Analysis: I - Berlagezaal (13:30 - 15:00)

time	[id] title	presenter
13:30	[204] Track Reconstruction at the ILC	GAEDE, Frank-Dieter
13:55	[502] Track extrapolation and muon identification using GEANT4E in event reconstruction in the Belle II experiment	PIILONEN, Leo
14:40	[184] The Role of Effective Event Reconstruction in the Higgs Boson Discovery at CMS	KRUTELYOV, Slava

### Event Processing, Simulation and Analysis: II - Berlagezaal (15:45 - 17:15)

time	[id] title	presenter
15:45	[340] FLES: First Level Event Selection Package for the CBM Experiment	Prof. KISEL, Ivan
16:10	[408] Extending the FairRoot framework to allow for simulation and reconstruction of free streaming data	Dr AL-TURANY, Mohammad
16:30	[327] Selected event reconstruction algorithms for the CBM experiment at FAIR	LEBEDEV, Semen
16:55	[331] Development of Bayesian analysis program for extraction of polarisation observables at CLAS	LEWIS, Stefanie

### Event Processing, Simulation and Analysis: III - Berlagezaal (17:25 - 18:10)

time	[id] title	presenter
17:25	[158] Stitched Together: Transitioning CMS to a Hierarchical Threaded Framework	SEXTON-KENNEDY, Elizabeth
17:50	[203] Introducing Concurrency in the Gaudi Data Processing Framework	HEGNER, Benedikt

## Tuesday 15 October 2013

### Event Processing, Simulation and Analysis: IV - Berlagezaal (13:30 - 15:00)

time	[id] title	presenter
13:30	[291] Simulation of Pile-up in the ATLAS Experiment	MARSHALL, Zachary Louis
13:55	[161] Strategies for Modeling Extreme Luminosities in the CMS Simulation	HILDRETH, Mike
14:15	[286] Preparing the Track Reconstruction in ATLAS for a high multiplicity future	LANGENBERG, Robert Johannes
14:40	[153] Alignment and calibration of CMS detector during collisions at LHC	CASTELLO, Roberto

### Event Processing, Simulation and Analysis: V - Berlagezaal (15:45 - 17:15)

time	[id] title	presenter
15:45	[419] The Belle II Physics Analysis Model	URQUIJO, Phillip
16:10	[56] A Common Partial Wave Analysis Framework for PANDA	MICHEL, Mathias
16:30	[415] Simulation and analysis of the LUCID experiment in the Low Earth Orbit radiation environment	Dr WHYNTIE, Tom
16:55	[208] Improvement of the ALICE Online Event Display using OO patterns and parallelization techniques	NICULESCU, Mihai

### Event Processing, Simulation and Analysis: VI - Berlagezaal (17:25 - 18:10)

time	[id] title	presenter
17:25	[361] An exact framework for uncertainty quantification in Monte Carlo simulation	Dr PAOLO, Saracco
17:50	[454] RooFit and RooStats - a framework for advanced data modeling and statistical analysis	VERKERKE, Wouter

# Thursday 17 October 2013

## Event Processing, Simulation and Analysis: VII - Berlagezaal (11:00 - 12:30)

time	[id] title	presenter
11:00	[373] A new Scheme for ATLAS Trigger Simulation using Legacy Code	WIEDENMANN, Werner
11:25	[155] The Fast Simulation of the CMS detector	GIAMMANCO, Andrea
11:45	[290] Concepts for fast large scale Monte Carlo production for the ATLAS experiment	DEBENEDETTI, Chiara
12:10	[159] CMS Full Simulation: Evolution Toward the 14 TeV Run	HILDRETH, Mike

## Event Processing, Simulation and Analysis: VIII - Berlagezaal (13:30 - 15:00)

time	[id] title	presenter
13:30	[36] DD4hep: A General Purpose Detector Description Toolkit	FRANK, Markus
13:55	[166] Geant4 studies of the CNAO facility system for hadrontherapy treatment of uveal melanomas	Prof. RIMOLDI, Adele Dr PIERSIMONI, Pierluigi
14:15	[348] ArtG4: A generic framework for Geant4 simulations	Dr LYON, Adam
14:40	[177] Geant4 - Towards major release 10	Dr COSMO, Gabriele