

Session Program

21-27 Mar 2009

CHEP 2009

Event Processing

Prague

Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic

Monday 23 March

14:00

Event Processing: Monday

Session | **Location:** Prague, Club E, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Chris Jones

14:00–14:20 CMS Software Performance Strategies

Speaker
Dr Peter Elmer

14:20–14:40 HEP C++ meets reality -- lessons and tips

Speaker
Mr Giulio Eulisse

14:40–15:00 The ATLAS Simulation Validation and computing performance studies

Speaker
Zachary Marshall

15:00–15:20 The Virtual Point 1 Event Display for the ATLAS Experiment

Speaker
Dr Thomas Kittelmann

15:20–15:40 Fireworks: A Physics Event Display for CMS

Speaker
Kovalskiy Dmytro

15:40–16:00 Validation of software releases for CMS

Speaker
Oliver Gutsche

16:00

16:30

Event Processing: Monday

Session | **Location:** Prague, Club E, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Elizabeth Sexton-Kennedy

16:30–16:50 Experience with the CMS EDM

Speaker
Benedikt Hegner

16:50–17:10 File Level Provenance Tracking in CMS

Speaker
Dr Christopher Jones

17:10–17:30 PAT: the CMS Physics Analysis Toolkit

Speaker
Giovanni Petrucciani

17:30–17:50 ROOT: Support For Significant Evolutions of the User Data Model

Speaker
Mr Philippe Canal

17:50-18:10

The Software Framework of the ILD detector concept at the ILC detector

Speaker

Dr Frank Gaede

18:10-18:30

The CMS Computing, Software and Analysis Challenge

Speaker

Dr Rainer Mankel

18:30

Tuesday 24 March

14:00

Event Processing: Tuesday

Session | **Location:** Prague, Club E, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Adele Rimoldi

14:00–14:20

New models for PIXE simulation with Geant4

Speaker

Dr Georg Weidenspointner

14:20–14:40

Validation of Geant4 Hadronic Physics Models at Intermediate Energies

Speaker

Sunanda Banerjee

14:40–15:00

GEANT4E Track Extrapolation in the Belle Experiment

Speaker

Prof. Leo Piilonen

15:00–15:20

ATLAS Upgrade Simulation with the Fast Track Simulation FATRAS

Speaker

Dr Andreas Salzburger

15:20–15:40

Tuning and optimization of the CMS simulation software

Speaker

Dr Fabio Cossutti

15:40–16:00

Parallelization of ALICE simulation - a jump through the looking-glass

Speaker

Matevz Tadel

16:00

16:30

Event Processing: Tuesday

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Convener: Dotti Andrea

16:30–16:50

Monte Carlo Generators in Atlas software

Speaker

Dr Cano Ay

16:50–17:10

Overview of the LHCb Tracking System and its Performance on Simulation and on First Data

Speakers

Eduardo Rodrigues Figueiredo, Manuel Schiller

17:10–17:30

Data Quality Monitoring for the CMS Silicon Strip Tracker

Speaker

Maria Assunta Borgia

17:30-17:50

Commissioning of the Muon Track Reconstruction in the ATLAS Experiment

Speaker

Martin Woudstra

17:50-18:10

A New Tool for Measuring Detector Performance in ATLAS

Speakers

Dr Arno Straessner, Dr Matthias Schott

18:10-18:30

Parallel ALICE offline reconstruction with PROOF

Speaker

Peter Hristov

18:30

Thursday 26 March

14:00

Event Processing: Thursday

Session | **Location:** Prague, Club E, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Wolfgang Waltenberger

14:00–14:20

Ring Recognition and Electron Identification in the RICH detector of the CBM Experiment at FAIR

Speaker

Semen Lebedev

14:20–14:40

Vertex finding in pile-up rich event for p+p and d+Au collisions at STAR

Speaker

Mrs Rosi REED

14:40–15:00

A framework for vertex reconstruction in the ATLAS experiment at LHC

Speaker

Dr Kirill Prokofiev

15:00–15:20

An overview of the b-Tagging algorithms in the CMS Offline software

Speaker

Dr Andrea Bocci

15:20–15:40

Ideal tau tagging with TMVA multivariate data-analysis toolkit

Speaker

Mr Aatos Heikkinen

15:40–16:00

Offline computing for the Minerva experiment

Speaker

Heidi Schellman

16:00

16:30

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Convener: Szymon Gadomski

16:30–16:50

CMD-3 Detector Offline Software Development

Speaker

Mr Alexander Zaytsev

16:50–17:10

Overview of the new ROOT statistical software

Speaker

Lorenzo Moneta

17:10–17:30

BAT - The Bayesian Analysis Toolkit

Speaker

Daniel Kollár

17:30-17:50

The Muon High Level Trigger of the ATLAS experiment

Speaker

Andrea Ventura

17:50-18:10

ATLAS Tau Trigger: from design challenge to first tests with cosmics

Speaker

Mogens Dam

18:10-18:30

The CMS L1 Trigger Emulation Software

Speaker

Vasile Mihai Ghete

18:30