

Monday 3 September

14:00 Software components, tools and databases: SC 1 Session | Location: Victoria, Canada, Lecture | Convener: Dirk Duellman 14:00-14:20 ATLAS Analysis Model Speaker Dr Amir Farbin **CABS3 - CLEO Analysis by Script @ Belle** 14:20-14:40 Speaker Prof. Nobuhiko Katayama **Physics Analysis Tools for CMS experiment at LHC** 14:40-15:00 Speaker Luca Lista HepData: restructuring the archive for LHC data 15:00-15:20 Speaker James William Monk 15:20-15:40 ETICS: the international software engineering service for the grid **Speaker** Dr Alberto Di Meglio 15:40-16:00 The CMS Dataset Bookkeeping Service Speaker Dr Lee Lueking 16:00 16:30 Software components, tools and databases: SC 2 **Session** | **Location:** Victoria, Canada, Saanich 16:30-16:50 Development Status and Plans for the LCG Common Database Access Layer (CORAL) Speaker Dirk Duellmann

COOL Software Development and Service Deployment Status 16:50-17:10

Marco Clemencic 17:10-17:30 LHCb experience with LFC database replication

Speaker Barbara Martelli

Speaker

17:30-17:50 Replication and load Balancing strategy of STAR's RDBM

Speaker

Mr Michael DePhillips

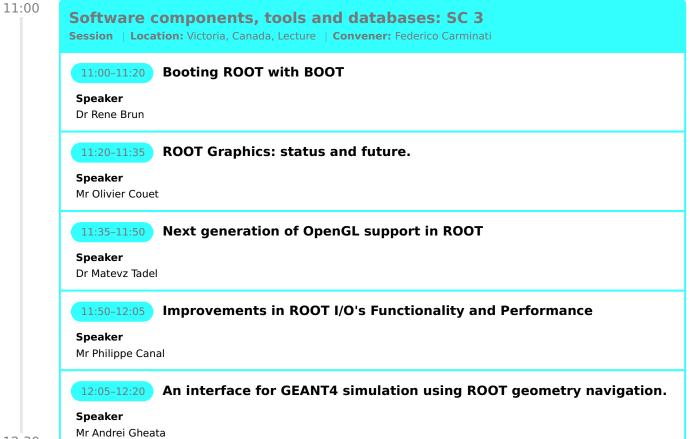
17:50-18:10

Integration of the ATLAS Tag Database with Data Management and Analysis Components

Speaker

Dr Caitriana Nicholson

Tuesday 4 September



Wednesday 5 September

14:00

Software components, tools and databases: SC 4

Session | Location: Victoria, Canada, Lecture | Convener: Federico Carminati

14:00-14:20

Recent Developments of the ROOT Mathematical and Statistical Software

Speaker

Lorenzo Moneta

14:20-14:40 The ALICE Offline Environment

Speaker

Mr Federico Carminati

14:40-15:00

Relational databases for conditions data and event selection in ATLAS

Florbela Viegas

15:00-15:20 CERN Database Services for the LHC Computing Grid

Speaker

Maria Girone

15:20-15:40 Assessment of Data Quality in ATLAS

Speaker

Dr Michael Wilson

15:40-16:00

Experience and Lessons learnt from running high availability databases on **Network Attached Storage**

Speaker

Mr Juan Manuel Guijarro

Thursday 6 September

14:00

Software components, tools and databases: SC 5

Session | Location: Victoria, Canada, Lecture | Convener: Dirk Duellman

14:00-14:20 The Virtual Geometry Model

Speaker

Dr Ivana Hrivnacova

14:20-14:40 LCGO - geometry description for ILC detectors

Speaker

Dr Frank Gaede

14:40-15:00

Analysing CMS software performance using IgProf, OProfile and callgrind

Speaker

Lassi Tuura

15:00-15:20 Optimizations in Python-based HEP Analysis

Speaker

Dr Sebastien Binet

15:20-15:40 The configuration system of the ATLAS Trigger

Speaker

Dr Jörg Stelzer

15:40-16:00

Searching for CMS data: Rapid web development using python and AJAX

Speaker

Valentin Kuznetsov

16:00 16:30

Software components, tools and databases: SC 6

Session | Location: Victoria, Canada, Saanich | Convener: Federico Carminati

16:30-16:50

Maintenance, validation and tuning of Monte Carlo event generators for the LHC experiments in the Generator Services project

Speaker

Dr Mikhail Kirsanov

16:50-17:10 The life cycle of HEP offline software

Speaker

Dr Peter Elmer

17:10-17:30 Perfmon2 - A leap forward in performance monitoring

Speaker

Mr Sverre Jarp

17:30-17:50

Explicit state representation and the ATLAS event data model: theory and practice

Speaker

Dr Marcin Nowak

17:50-18:10

CMS packaging system or: how I learned stop worrying and love RPM spec files

Speaker

Mr Giulio Eulisse