



**CHEP 07****Monday 03 September 2007****Software components, tools and databases: SC 1 - Lecture (14:00-16:00)****-Conveners: Dirk Duellman**

time	[id] title	presenter
14:00	[83] ATLAS Analysis Model	Dr FARBIN, Amir
14:20	[99] CABS3 - CLEO Analysis by Script @ Belle	Prof. KATAYAMA, Nobuhiko
14:40	[376] Physics Analysis Tools for CMS experiment at LHC	LISTA, Luca
15:00	[203] HepData: restructuring the archive for LHC data	MONK, James William
15:20	[406] ETICS: the international software engineering service for the grid	Dr DI MEGLIO, Alberto
15:40	[325] The CMS Dataset Bookkeeping Service	Dr LUEKING, Lee

**Software components, tools and databases: SC 2 - Saanich (16:30-18:10)**

time	[id] title	presenter
16:30	[181] Development Status and Plans for the LCG Common Database Access Layer (CORAL)	DUELLMANN, Dirk
16:50	[204] COOL Software Development and Service Deployment Status	CLEMENCIC, Marco
17:10	[213] LHCb experience with LFC database replication	MARTELLI, Barbara
17:30	[411] Replication and load Balancing strategy of STAR's RDBM	Mr DEPHILLIPS, Michael
17:50	[85] Integration of the ATLAS Tag Database with Data Management and Analysis Components	Dr NICHOLSON, Caitriana

# Tuesday 04 September 2007

## Software components, tools and databases: SC 3 - Lecture (11:00-12:30)

-Conveners: Federico Carminati

time	[id] title	presenter
11:00	[275] Booting ROOT with BOOT	Dr BRUN, Rene
11:20	[198] ROOT Graphics: status and future.	Mr COUET, Olivier
11:35	[445] Next generation of OpenGL support in ROOT	Dr TADEL, Matevz
11:50	[199] Improvements in ROOT I/O's Functionality and Performance	Mr CANAL, Philippe
12:05	[38] An interface for GEANT4 simulation using ROOT geometry navigation.	Mr GHEATA, Andrei

# Wednesday 05 September 2007

## Software components, tools and databases: SC 4 - Lecture (14:00-16:00)

-Conveners: Federico Carminati

time	[id] title	presenter
14:00	[345] Recent Developments of the ROOT Mathematical and Statistical Software	MONETA, Lorenzo
14:20	[446] The ALICE Offline Environment	Mr CARMINATI, Federico
14:40	[122] Relational databases for conditions data and event selection in ATLAS	VIEGAS, Florbela
15:00	[172] CERN Database Services for the LHC Computing Grid	GIRONE, Maria
15:20	[217] Assessment of Data Quality in ATLAS	Dr WILSON, Michael
15:40	[110] Experience and Lessons learnt from running high availability databases on Network Attached Storage	Mr GUIJARRO, Juan Manuel

# Thursday 06 September 2007

## Software components, tools and databases: SC 5 - Lecture (14:00-16:00)

**-Conveners: Dirk Duellman**

time	[id] title	presenter
14:00	[124] The Virtual Geometry Model	Dr HRIVNACOVA, Ivana
14:20	[180] LCGO - geometry description for ILC detectors	Dr GAEDE, Frank
14:40	[259] Analysing CMS software performance using IgProf, OProfile and callgrind	TUURA, Lassi
15:00	[105] Optimizations in Python-based HEP Analysis	Dr BINET, Sebastien
15:20	[50] The configuration system of the ATLAS Trigger	Dr STELZER, Jörg
15:40	[223] Searching for CMS data: Rapid web development using python and AJAX	KUZNETSOV, Valentin

## Software components, tools and databases: SC 6 - Saanich (16:30-18:10)

**-Conveners: Federico Carminati**

time	[id] title	presenter
16:30	[435] Maintenance, validation and tuning of Monte Carlo event generators for the LHC experiments in the Generator Services project	Dr KIRSANOV, Mikhail
16:50	[351] The life cycle of HEP offline software	Dr ELMER, Peter
17:10	[316] Perfmon2 - A leap forward in performance monitoring	Mr JARP, Sverre
17:30	[292] Explicit state representation and the ATLAS event data model: theory and practice	Dr NOWAK, Marcin
17:50	[302] CMS packaging system or: how I learned stop worrying and love RPM spec files	Mr EULISSE, Giulio