CHEP 06

Monday 13 February 2006

Software Components and Libraries: SCL-1 - AG 69 (14:00 - 15:30)

time	[id] title	presenter
14:00	[258] Common Application Software for the LHC Experiments	Dr MATO, Pere
14:20	[32] ATLAS Distributed Database Services Client Library	Dr VANIACHINE, Alexandre
14:40	[81] A Flexible, Distributed Event Level Metadata System for ATLAS	NICHOLSON, Caitriana NICHOLSON, Caitriana Dr MALON, David
15:00	[12] The Evolution of Databases in HEP - A Time-Traveler's Tale	Dr SHIERS, Jamie

Software Components and Libraries: SCL-2 - AG 69 (16:00 - 18:00)

time	[id] title	presenter
16:00	[114] Recent Developments in the ROOT I/O and TTrees	Mr CANAL, Philippe
16:20	[329] CORAL, a software system for vendor-neutral access to relational databases	Dr PAPADOPOULOS, Ioannis
16:40	[337] COOL Development and Deployment - Status and Plans	Dr VALASSI, Andrea
17:00	[352] Using multiple persistent technologies in the Condition/DB of BaBar	Dr SMITH, Douglas
17:20	[168] The LHCb Conditions Database Framework	CLEMENCIC, Marco
17:40	[129] ROOT I/O for SQL databases	Dr LINEV, Sergey

Tuesday 14 February 2006

Software Components and Libraries: SCL-3 - AG 69 (14:00 - 15:30)

time	[id] title	presenter
14:00	[185] Reflex, reflection for C++	Dr ROISER, Stefan
14:20	[397] C++ introspection with JIL	Dr LAWRENCE, David
14:40	[367] Concepts, Developments and Advanced Applications of the PAX Toolkit	Dr KAPPLER, Steffen G.
15:00	[160] ATLAS Physics Analysis Tools	Dr ASSAMAGAN, Ketevi Adikle ATLAS, PAT

Software Components and Libraries: SCL-4 - AG 69 (16:00 - 18:00)

time	[id] title	presenter
16:00	[227] New Developments of ROOT Mathematical Software Libraries	Dr MONETA, Lorenzo
16:20	[465] The Phystat Repository For Physics Statistics Code	CANAL, Philippe
16:40	[305] Evaluation of the power of Goodness-of-Fit tests for the comparison of data distributions	Dr RIBON, Alberto Dr PFEIFFER, Andreas Dr MASCIALINO, Barbara Dr PIA, Maria Grazia Dr VIARENGO, Paolo
17:00	[208] StatPatternRecognition: A C++ Package for Multivariate Classification of High Energy Physics Data	Dr NARSKY, Ilya Mr BUNN, Julian Dr BUNN, Julian BUNN, Julian
17:20	[198] Operations research and high energy physics	Dr DE MIN, Alberto
17:40	[221] A Kalman Filter for Track-based Alignment	WIDL, Edmund Erich

Wednesday 15 February 2006

Software Components and Libraries: SCL-5 - AG 69 (14:00 - 15:30)

time	[id] title	presenter
14:00	[383] New features in ROOT geometry modeller for representing non-ideal geometries	BRUN, Rene
14:20	[259] Geometry Description Markup Language and its application-specific bindings	Dr POKORSKI, Witold
14:40	[105] Using XML for Detector Geometry Description in the Virtual Monte Carlo Framework	Dr POTEKHIN, Maxim
15:00	[102] Surface contours and shapes of Super Heavy Elements (SHE)	Ms S, Niranjani

Software Components and Libraries: SCL-6 - AG 69 (16:00 - 18:00)

time	[id] title	presenter
16:00	[93] ROOT 3D graphics	BRUN, Rene
16:20	[158] Using the Qt to create the complex interactive HENP applications at STAR	Dr FINE, Valeri
16:40	[69] The V-Atlas Event Visualization Program	TSULAIA, Vakhtang
17:00	[332] Using Java Analysis Studio as an interface to the Atlas Offline Framework	Dr HRIVNAC, Julius
17:20	[380] ALICE Event Visualization Environment	TADEL, Matevz
17:40	[381] Gled -- a ROOT based framework for distributed computing and dynamic visualization	TADEL, Matevz

Thursday 16 February 2006

<u>Software Components and Libraries: SCL-7</u> - AG 69 (14:00 - 15:30)

time	[id] title	presenter
14:00	[432] Development, validation and maintenance of Monte Carlo generators & generator services in the LHC era	Dr KIRSANOV, Mikhail
14:20	[122] HZTool and Rivet: Toolkit and Framework for the Comparison of Simulated Final States and Data at Colliders	Dr WAUGH, Ben
14:40	[357] Component approach to HEP Monte Carlo simulations: example of PHOTOS.	Mr GOLONKA, Piotr
15:00	[222] Eclipse-based Physicist Work Environment	LAVRIJSEN, Wim