Computing in High Energy and Nuclear Physics (CHEP) 2012

Monday 21 May 2012

Software Engineering, Data Stores and Databases - **Room 802 (13:30 - 15:35)**

    -Conveners: David Lange

time	[id] title	presenter
13:30	[255] Cling - The LLVM-based C++ Interpreter	VASILEV, Vasil Georgiev
13:55	[19] GOoDA: The Generic Optimization Data Analyzer	VITILLO, Roberto Agostino
14:20	[78] Massively parallel Markov chain Monte Carlo with BAT	BEAUJEAN, Frederik
14:45	[412] Experiences with Software Quality Metrics in the EMI Middleware	ALANDES PRADILLO, Maria
15:10	[107] Improving Software Quality of the ALICE Data-Acquisition System through Program Analysis	Mrs ZHU, Jianlin

Software Engineering, Data Stores and Databases - **Room 802 (16:35 - 18:15)**

    -Conveners: Simone Campana

time	[id] title	presenter
16:35	[163] CMS experience with online and offline Databases	Dr PFEIFFER, Andreas
17:00	[369] A Programmatic View of Metadata, Metadata Services, and Metadata Flow in ATLAS	Dr MALON, David
17:25	[218] Comparison of the Frontier Distributed Database Caching System with NoSQL Databases	DYKSTRA, Dave
17:50	[422] ATLAS DDM/DQ2 & NoSQL databases: Use cases and experiences	LASSNIG, Mario

Tuesday 22 May 2012

Software Engineering, Data Stores and Databases - Room 802 (13:30 - 15:35)

  -Conveners: Benedikt Hegner

time	[id] title	presenter
13:30	[162] A CMake-based build and configuration framework	CLEMENCIC, Marco
13:55	[387] Tiered Storage For LHC	HANUSHEVSKY, Andrew YANG, Wei
14:20	[93] Status and Future Perspectives of CernVM-FS	BLOMER, Jakob
14:45	[129] Advanced Modular Software Performance Monitoring	MAZUROV, Alexander
15:10	[192] Artificial Intelligence in the service of system administrators	HAEN, Christophe

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time	[id] title	presenter
16:35	[350] dCache: implementing a high-end NFSv4.1 service using a Java NIO framework	Mr MKRTCHYAN, Tigran
17:00	[104] LCG Persistency Framework (POOL, CORAL, COOL) - Status and Outlook	TRENTADUE, Raffaello
17:25	[400] Evolution of grid-wide access to database resident information in ATLAS using Frontier	DEWHURST, Alastair
17:50	[351] Handling of time-critical Conditions Data in the CMS experiment - Experience of the first year of data taking	GOVI, Giacomo

Thursday 24 May 2012

Software Engineering, Data Stores and Databases - Room 802 (13:30 - 15:35)

  -Conveners: David Lange

time	[id] title	presenter
13:30	[371] RooStats: Statistical Tools for the LHC	KREISS, Sven
13:55	[401] New software library of geometrical primitives for modelling of solids used in Monte Carlo detector simulations	GAYER, Marek
14:20	[170] ROOT I/O in Javascript - Reading ROOT files in a browser	BELLENOT, Bertrand
14:45	[300] Designing and developing portable large-scale JavaScript web applications within the Experiment Dashboard framework	TUCKETT, David
15:10	[563] MAUS: MICE Analysis User Software	RAJARAM, Durga

Software Engineering, Data Stores and Databases - Room 802 (16:35 - 18:15)

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time	[id] title	presenter
16:35	[486] The future of commodity computing and many-core versus the interests of HEP software	NOWAK, Andrzej
17:00	[210] Development and Evaluation of Vectorised and Multi-Core Event Reconstruction Algorithms within the CMS Software Framework	Mr HAUTH, Thomas
17:25	[441] Parallelization of the AliRoot event reconstruction by performing a semi-automatic source-code transformation	LOHN, Stefan
17:50	[149] Optimizing Python-based ROOT I/O with PyPy's Tracing JIT	LAVRIJSEN, Wim