

Session Program

21-25 May 2012



Computing in High Energy and Nuclear Physics (CHEP) 2012

Distributed Processing and Analysis on Grids and Clouds

New York City, NY, USA

Monday 21 May

13:30

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Eisner & Lubin Auditorium | **Convener:** Oliver Gutsche

13:30-13:55 **AliEn: ALICE Environment on the GRID**

Speaker

Pablo Saiz

13:55-14:20 **The ATLAS Distributed Data Management project: Past and Future**

Speaker

Vincent Garonne

14:20-14:45 **The CMS workload management system**

Speaker

Dr Stuart Wakefield

14:45-15:10 **The LHCb Data Management System**

Speaker

Philippe Charpentier

15:10-15:35

The "Common Solutions" Strategy of the Experiment Support group at CERN for the LHC Experiments

Speaker

Dr Maria Girone

15:35

16:35

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Eisner & Lubin Auditorium | **Convener:** Johannes Elmsheuser

16:35-17:00

Multi-core job submission and grid resource scheduling for ATLAS AthenaMP

Speaker

Andrew John Washbrook

17:00-17:25 **Multi-core processing and scheduling performance in CMS**

Speaker

Dr Jose Hernandez Calama

17:25-17:50

PoD: dynamically create and use remote PROOF clusters. A thin client concept.

Speaker

Anar Manafov

17:50-18:15 **Offline Processing in the Online Computer Farm**

Speaker

Luis Granado Cardoso

18:15

Tuesday 22 May

13:30

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Eisner & Lubin Auditorium | **Convener:** Mr Philippe Canal

13:30–13:55

CernVM Co-Pilot: an Extensible Framework for Building Scalable Cloud Computing Infrastructures

Speaker

Artem Harutyunyan

13:55–14:20

The Integration of CloudStack and OpenNebula with DIRAC

Speakers

Victor Manuel Fernandez Albor, Victor Mendez Munoz

14:20–14:45

Exploiting Virtualization and Cloud Computing in ATLAS

Speaker

Fernando Harald Barreiro Megino

14:45–15:10

Dynamic Extension of a Virtualized Cluster by using Cloud Resources

Speaker

Oliver Oberst

15:10–15:35

Connecting multiple clouds and mixing real and virtual resources via the open source WNoDeS framework

Speakers

Mr Alessandro Italiano, Dr Giacinto Donvito

15:35

16:35

Distributed Processing and Analysis on Grids and Clouds

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16:35–17:00

Computing at Belle II

Speaker

Thomas Kuhr

17:00–17:25

Evaluation of benefits of a three tier data model for WLCG analysis

Speakers

Dmitry Ozerov, Dr Patrick Fuhrmann

17:25–17:50

Deployment of Multifactor Authentication for Critical Services at CERN

Speaker

Dr Stefan Lueders

17:50–18:15

Employing peer-to-peer software distribution in ALICE Grid Services to enable opportunistic use of OSG resources

18:15

Speakers

Iwona Sakrejda, Jeff Porter

16:35

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Room 914 | **Convener:** Oliver Gutsche

16:35-17:00

Experience in Grid Site Testing for ATLAS, CMS and LHCb with HammerCloud

Speaker

Daniel Colin Van Der Ster

17:00-17:25

The Reputation-Based Trust Model for AliEn2

Speaker

Mrs Jianlin Zhu

17:25-17:50

End-To-End Solution for Integrated Workload and Data Management using glideinWMS and Globus Online

Speaker

Parag Mhashilkar

17:50-18:15

Towards a global monitoring system for CMS computing operations

Speakers

Dr Andrea Sciaba, Lothar A.T. Bauerdick

18:15

Thursday 24 May

13:30

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Eisner & Lubin Auditorium | **Convener:** Johannes Elmsheuser

13:30-13:55 **The HEPiX Virtualisation Working Group: Towards a “Grid of Clouds”**

Speaker

Tony Cass

13:55-14:20 **Scalable proxy cache for Grid Data Access**

Speaker

Jeff Templon

14:20-14:45

SuperB R&D computing program: HTTP direct access to distributed resources

Speaker

Dr Armando Fella

14:45-15:10 **Consolidation and development roadmap of the EMI middleware**

Speaker

Dr Balazs Konya

15:10-15:35

The Open Science Grid - Support for Multi-Disciplinary Team Science - the Adolescent Years

Speaker

Mrs Ruth Pordes

15:35

16:35

Distributed Processing and Analysis on Grids and Clouds

Session | **Location:** Kimmel Center, Eisner & Lubin Auditorium | **Convener:** Oliver Gutsche

16:35-17:00 **dCache, agile adoption of storage technology**

Speaker

Paul Millar

17:00-17:25 **Next generation WLCG File Transfer Service (FTS)**

Speaker

Mr Zsolt Molnár

17:25-17:50

Implementing data placement strategies for the CMS experiment based on a popularity mode

Speakers

Dr Domenico Giordano, Fernando Harald Barreiro Megino

17:50-18:15 **PD2P : PanDA Dynamic Data Placement for ATLAS**

Speaker

Tadashi Maeno

18:15