

Session Program

21-27 Mar 2009

CHEP 2009

Hardware and Computing Fabrics

Prague

Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic

Monday 23 March

16:30

Hardware and Computing Fabrics: Monday

Session | **Location:** Prague, Club B, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Isidro Gonzales Caballero

16:30-16:50

A comparison of HEP code with SPEC benchmark on multicore worker nodes

Speaker

Michele Michelotto

16:50-17:10

Experience with low-power x86 processors (ATOM) for HEP usage

Speaker

Mr Sverre Jarp

17:10-17:30

Air Conditioning and Computer Centre Power Efficiency: the Reality

Speaker

Tony Cass

17:30-17:50

A High Performance Hierarchical Storage Management System For the Canadian Tier-1 Centre at TRIUMF

Speaker

Mr Simon Liu

17:50-18:10

Fair-share scheduling algorithm for a tertiary storage system

Speaker

Mr Pavel JAKL

18:10-18:30

Lustre File System Evaluation at FNAL

Speaker

Stephen Wolbers

18:30

Tuesday 24 March

14:00

Hardware and Computing Fabrics: Tuesday

Session | **Location:** Prague, Club B, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Jiri Chudoba

14:00-14:20

The ALICE Online Data Storage System

Speaker

Roberto Divià

14:20-14:40

Integration of Virtualized Worker Nodes into Batch Systems.

Speaker

Oliver Oberst

14:40-15:00

SL(C)5 for HEP - a status report

Speaker

Ricardo SALGUEIRO DOMINGUES DA SILVA

15:00-15:20

The NAF: National Analysis Facility at DESY

Speakers

Andreas Haupt, Yves Kemp

15:20-15:40

Operational Experience with CMS Tier-2 Sites

Speaker

Dr Isidro Gonzalez Caballero

15:40-16:00

ScotGrid: Providing an Effective Distributed Tier-2 in the LHC Era

Speakers

Dr Graeme Andrew Stewart, Dr Michael John Kenyon, Dr Samuel Skipsey

16:00

16:30

Hardware and Computing Fabrics: Tuesday

Session | **Location:** Prague, Club B, Prague Congress Centre 5. května 65, 140 00 Prague 4, Czech Republic |
Convener: Sverre Jarp

16:30-16:50

Study of Solid State Drives performance in PROOF distributed analysis system

Speaker

Dr Sergey Panitkin

16:50-17:10

Monitoring Individual Traffic Flows in the Atlas TDAQ Network

Speaker

Mr Rune Sjoen

17:10-17:30

Oracle and storage IOs, explanations and experience at CERN

Speaker

Mr Eric Grancher

17:30-17:50

A Service-Based SLA for the RACF at Brookhaven National Lab

Speakers

Dr Jason Smith, Ms Mizuki Karasawa

17:50-18:10

The Integration of Virtualization into the U.S. ATLAS Tier 1 Facility at Brookhaven

Speakers

Mr Christopher Hollowell, Mr Robert Petkus

18:10-18:30

Analysis of internal network requirements for the distributed Nordic Tier-1

Speaker

Dr Josva Kleist

18:30