



# CHEP 2016 Conference, San Francisco, October 8-14, 2016

## Monday 10 October 2016

### Track 6: Infrastructures: 6.1 - Sierra B (11:00-12:30)

**-Conveners: Catherine Biscarat**

time	[id] title	presenter
11:00	[88] ATLAS and LHC computing on CRAY	SCIACCA, Francesco Giovanni
11:15	[198] Integration of the Chinese HPC Grid in ATLAS Distributed Computing	FILIPCIC, Andrej
11:30	[232] OCCAM: a flexible, multi-purpose and extendable HPC cluster	BAGNASCO, Stefano
11:45	[277] The OSG Open Facility: An on-ramp for opportunistic scientific computing	Dr JAYATILAKA, Bo
12:00	[313] ALICE HLT Cluster operation during ALICE Run 2	LEHRBACH, Johannes
12:15	[412] Dynamic resource provisioning of the CMS online cluster using a cloud overlay	DOBSON, Marc

### Track 6: Infrastructures: 6.2 - Sierra B (14:00-16:00)

**-Conveners: Olof Barring**

time	[id] title	presenter
14:00	[74] The role of dedicated computing centers in the age of cloud computing	WONG, Tony
14:15	[165] Evaluation of lightweight site setups within WLCG infrastructure	LITMAATH, Maarten
14:30	[248] Evolution of the Building Management System in the INFN CNAF Tier-1 datacenter facility	RICCI, Pier Paolo
14:45	[512] Interconnected Private Clouds for Universities and Researchers	MOSCICKI, Jakub
15:00	[421] Extending the farm on external sites: the INFN Tier-1 experience	DELL'AGNELLO, Luca
15:15	[461] Developing the WLCG Tier-1 center GridKa as topical center in a multidisciplinary research environment	HEISS, Andreas
15:30	[480] System upgrade of the KEK central computing system	MURAKAMI, Koichi
15:45	[531] Using container orchestration to improve service management at the RAL Tier 1	LAHIFF, Andrew David

## Tuesday 11 October 2016

### **Track 6: Infrastructures: 6.3 - Sierra B (11:00-12:30)**

**-Conveners: Francesco Prelz**

time	[id] title	presenter
11:15	[271] Review of Terabit/sec SDN demonstrations at Supercomputing 2015 and plans for SC16	MUGHAL, Azher
11:30	[291] Scaling the PuNDIT Project for Wide Area Deployments	MC KEE, Shawn
11:45	[417] One network metric datastore to track them all: The OSG Network Service	QUICK, Robert
12:00	[471] Deployment of IPv6 only CPU resources at WLCG sites	DEWHURST, Alastair
12:15	[72] Wi-Fi service enhancement at CERN	DUCRET, Vincent

### **Track 6: Infrastructures: 6.4 - Sierra B (14:00-15:30)**

**-Conveners: Francesco Prelz**

time	[id] title	presenter
14:00	[29] RapidIO as a multi-purpose interconnect	BAYMANI, Simaolhoda
14:15	[488] High-Throughput Network Communication with NetIO	SCHUMACHER, Jorn
14:30	[270] Extreme I/O on HPC for HEP using the Burst Buffer at NERSC	Dr BHIMJI, Wahid
14:45	[282] AMS-02 Monte Carlo Simulation in Science Operation Center at Southeast University	ZHANG, Jinghui
15:00	[325] Low latency network and distributed storage for next generation HPC systems: the ExaNeSt project.	VICINI, Piero
15:15	[524] Evaluation of the pre-production implementation of the Intel Omni-Path interconnect technology	ZAYTSEV, Alexandr

## Wednesday 12 October 2016

### **Track 6: Infrastructures: 6.5 - Sierra B (11:15-13:00)**

**-Conveners: Olof Barring**

time	[id] title	presenter
11:15	[97] Advancing data management and analysis in different scientific disciplines	FISCHER, Max
11:30	[257] SWAN: a Service for Web-Based Data Analysis in the Cloud	TEJEDOR SAAVEDRA, Enric
11:45	[442] Cloud Environment Automation: from infrastructure deployment to application monitoring	MICHELOTTO, Diego
12:00	[266] Experiences with ALICE Mesos Infrastructure	BERZANO, Dario
12:15	[323] Consolidation of Docker use in HTC and its evolution to HPC at INFN-Pisa	MAZZONI, Enrico
12:30	[293] Using Shifter to Bring Containerized CVMFS to HPC	GERHARDT, Lisa
12:45	[632] How far can COTS HPC go?	Dr TAU, Leng

# Thursday 13 October 2016

## **Track 6: Infrastructures: 6.6 - Sierra B (11:00-12:30)**

**-Conveners: Catherine Biscarat**

time	[id] title	presenter
11:00	[26] CERN Computing in Commercial Clouds	CORDEIRO, Cristovao
11:15	[377] INDIGO-Datacloud: a Cloud-based Platform as a Service oriented to scientific computing for the exploitation of heterogeneous resources	FUHRMANN, Patrick
11:30	[431] TOSCA-based orchestration of complex clusters at the IaaS level	BRITO DA ROCHA, Ricardo
11:45	[227] JUNO performance evaluation and optimization on virtual platform	WU, Wenjing
12:00	[386] Stealth Cloud: How not to waste CPU during grid to cloud transitions	BAUER, Daniela
12:15	[575] Efficient Access to Massive Amounts of Tape-Resident Data	YU, David

## **Track 6: Infrastructures: 6.7 - Sierra B (14:00-15:30)**

**-Conveners: Catherine Biscarat**

time	[id] title	presenter
14:00	[269] Building a Regional Computing Grid for the University of California at 100Gbps	DOST, Jeffrey Michael
14:15	[276] An OSG-based distributed campus computing infrastructure	PAUS, Christoph
14:30	[370] Experience on HTCondor batch system for HEP and other research fields at KISTI-GSDC	AHN, Sang Un
14:45	[179] Integration of grid and local batch system resources at DESY	GELLRICH, Andreas
15:00	[225] Mixing HTC and HPC Workloads With HTCondor and Slurm	HOLLOWELL, Christopher
15:15	[350] Benchmarking worker nodes using LHCb simulation productions and comparing with HEP-Spec06	CHARPENTIER, Philippe