

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

Monday, October 10, 2016

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

-Conveners: Catherine Biscarat

time	[id] title	presenter
11:00 AM	[M10] ATLAS and LHC computing on CRAY	SCIACCA, Francesco Giovanni
11:15 AM	[M108] Integration of the Chinese HPC Grid in ATLAS Distributed Computing	FILIPCIC, Andrej
11:30 AM	[M102] OCCAM: a flexible, multi-purpose and extendable HPC cluster	BAGNASCO, Stefano
11:45 AM	[M107] The OSG Open Facility: An on-ramp for opportunistic scientific computing	Dr JAYATILAKA, Bo
12:00 PM	[M113] ALICE HLT Cluster operation during ALICE Run 2	LEHRBACH, Johannes
12:15 PM	[M112] Dynamic resource provisioning of the CMS online cluster using a cloud overlay	DOBSON, Marc

Track 6: Infrastructures: 6.2 - Sierra B (2:00 PM - 4:00 PM)

-Conveners: Olof Barring

time	[id] title	presenter
2:00 PM	[M14] The role of dedicated computing centers in the age of cloud computing	WONG, Tony
2:15 PM	[M165] Evaluation of lightweight site setups within WLCG infrastructure	LITMAATH, Maarten
2:30 PM	[M148] Evolution of the Building Management System in the INFN CNAF Tier-1 datacenter facility	RICCI, Pier Paolo
2:45 PM	[M112] Interconnected Private Clouds for Universities and Researchers	MOSCICKI, Jakub
3:00 PM	[M121] Extending the farm on external sites: the INFN Tier-1 experience	DELL'AGNELLO, Luca
3:15 PM	[M161] Developing the WLCG Tier-1 center GridKa as topical center in a multidisciplinary research environment	HEISS, Andreas
3:30 PM	[M180] System upgrade of the KEK central computing system	MURAKAMI, Koichi
3:45 PM	[M131] Using container orchestration to improve service management at the RAL Tier 1	LAHIFF, Andrew David

Tuesday, October 11, 2016

Track 6: Infrastructures: 6.3 - Sierra B (11:00 AM - 12:30 PM)

-Conveners: Francesco Prelz

time	[id] title	presenter
11:15 AM	[271] Review of Terabit/sec SDN demonstrations at Supercomputing 2015 and plans for SC16	MUGHAL, Azher
11:30 AM	[201] Scaling the PuNDIT Project for Wide Area Deployments	MC KEE, Shawn
11:45 AM	[417] One network metric datastore to track them all: The OSG Network Service	QUICK, Robert
12:00 PM	[271] Deployment of IPv6 only CPU resources at WLCG sites	DEWHURST, Alastair
12:15 PM	[70] Wi-Fi service enhancement at CERN	DUCRET, Vincent

Track 6: Infrastructures: 6.4 - Sierra B (2:00 PM - 3:30 PM)

-Conveners: Francesco Prelz

time	[id] title	presenter
2:00 PM	[29] RapidIO as a multi-purpose interconnect	BAYMANI, Simaolhoda
2:15 PM	[488] High-Throughput Network Communication with NetIO	SCHUMACHER, Jorn
2:30 PM	[170] Extreme I/O on HPC for HEP using the Burst Buffer at NERSC	Dr BHIMJI, Wahid
2:45 PM	[282] AMS-02 Monte Carlo Simulation in Science Operation Center at Southeast University	ZHANG, Jinghui
3:00 PM	[25] Low latency network and distributed storage for next generation HPC systems: the ExaNeSt project.	VICINI, Piero
3:15 PM	[24] Evaluation of the pre-production implementation of the Intel Omni-Path interconnect technology	ZAYTSEV, Alexandr

Wednesday, October 12, 2016

Track 6: Infrastructures: 6.5 - Sierra B (11:15 AM - 1:00 PM)

-Conveners: Olof Barring

time	[id] title	presenter
11:15	P17 Advancing data management and analysis in different scientific disciplines	FISCHER, Max
11:30	P17 SWAN: a Service for Web-Based Data Analysis in the Cloud	TEJEDOR SAAVEDRA, Enric
11:45	P12 Cloud Environment Automation: from infrastructure deployment to application monitoring	MICHELOTTO, Diego
12:00	P16 Experiences with ALICE Mesos Infrastructure	BERZANO, Dario
12:15	P13 Consolidation of Docker use in HTC and its evolution to HPC at INFN-Pisa	MAZZONI, Enrico
12:30	P13 Using Shifter to Bring Containerized CVMFS to HPC	GERHARDT, Lisa
12:45	P12 How far can COTS HPC go?	Dr TAU, Leng

Thursday, October 13, 2016

Track 6: Infrastructures: 6.6 - Sierra B (11:00 AM - 12:30 PM)

-Conveners: Catherine Biscarat

time	[id] title	presenter
11:00	A16 CERN Computing in Commercial Clouds	CORDEIRO, Cristovao
11:15	A17 INDIGO-Datacloud: a Cloud-based Platform as a Service oriented to scientific computing for the exploitation of heterogeneous resources	FUHRMANN, Patrick
11:30	A11 TOSCA-based orchestration of complex clusters at the IaaS level	BRITO DA ROCHA, Ricardo
11:45	A17 JUNO performance evaluation and optimization on virtual platform	WU, Wenjing
12:00	P16 Stealth Cloud: How not to waste CPU during grid to cloud transitions	BAUER, Daniela
12:15	P15 Efficient Access to Massive Amounts of Tape-Resident Data	YU, David

Track 6: Infrastructures: 6.7 - Sierra B (2:00 PM - 3:30 PM)

-Conveners: Catherine Biscarat

time	[id] title	presenter
2:00 P	M169 Building a Regional Computing Grid for the University of California at 100gbps	DOST, Jeffrey Michael
2:15 P	M176 An OSG-based distributed campus computing infrastructure	PAUS, Christoph
2:30 P	M170 Experience on HTCondor batch system for HEP and other research fields at KISTI-GSDC	AHN, Sang Un
2:45 P	M179 Integration of grid and local batch system resources at DESY	GELLRICH, Andreas
3:00 P	M125 Mixing HTC and HPC Workloads With HTCondor and Slurm	HOLLOWELL, Christopher
3:15 P	M150 Benchmarking worker nodes using LHCb simulation productions and comparing with HEP-Spec06	CHARPENTIER, Philippe