



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

## Monday, October 10, 2016

### Track 4: Data Handling: Storage Middleware - GG C3 (11:00 AM - 12:30 PM)

-Conveners: Maria Girone; Patrick Fuhrmann

time	[id] title	presenter
11:00 AM	[M1] DPM Evolution: a Disk Operations Management Engine for DPM	KEEBLE, Oliver
11:15 AM	[M4] EOS Developments	SINDRILARU, Elvin Alin
11:30 AM	[M16] XROOT development update - support for metalinks and extreme copy	HANUSHEVSKY, Andrew
11:45 AM	[M18] dCache, managed Cloud Storage	FUHRMANN, Patrick FUHRMANN, Patrick
12:00 PM	[M13] Evaluation of ZFS as an efficient WLCG storage backend	EBERT, Marcus

### Track 4: Data Handling: Filesystems and Cloud Storage - GG C3 (2:00 PM - 4:00 PM)

-Conveners: Maria Girone; Wahid Bhimji

time	[id] title	presenter
2:00 PM	[M181] dCache on steroids - delegated storage solutions	MKRTCHYAN, Tigran
2:15 PM	[M2] Making the most of cloud storage - a toolkit for exploitation by WLCG experiments.	KEEBLE, Oliver
2:30 PM	[M56] The deployment of a large scale object store at the RAL Tier 1	DEWHURST, Alastair
2:45 PM	[M6] CERN data services for LHC computing	ESPINAL CURULL, Xavier
3:00 PM	[M1] CERN's Ceph infrastructure: OpenStack, NFS, CVMFS, CASTOR, and more!	ESPINAL CURULL, Xavier
3:15 PM	[M62] CEPHFS: a new generation storage platform for Australian high energy physics	BORGES, Goncalo
3:30 PM	[M89] OSiRIS: A Distributed Ceph Deployment Using Software Defined Networking for Multi-Institutional Research	MC KEE, Shawn

## Tuesday, October 11, 2016

### Track 4: Data Handling: Wider HEP and Beyond - GG C3 (11:00 AM - 12:30 PM)

-Conveners: Patrick Fuhrmann; Maria Girone

time	[id] title	presenter
11:00 AM	[M1] Online & Offline Storage and Processing for the upcoming European XFEL Experiments	GASTHUBER, Martin
11:15 AM	[M40] Storage Quality-of-Service in Cloud-based Scientific Environments: A Standardization Approach	MILLAR, Paul
11:30 AM	[M44] Unified data access to e-Infrastructure, Cloud and personal storage within INDIGO-DataCloud	DUTKA, Lukasz
11:45 AM	[M13] SciDAC-Data, A Project to Enabling Data Driven Modeling of Exascale Computing	ALIAGA SOPLIN, Leonidas
12:00 PM	[M43] Taking HEP data management outside of HEP	JAYATILAKA, Bo

### Track 4: Data Handling: Experiment Frameworks - GG C3 (2:00 PM - 3:30 PM)

-Conveners: Patrick Fuhrmann; Elizabeth Gallas

time	[id] title	presenter
2:00 PM	[M36] The ATLAS EventIndex General Dataflow and Monitoring Infrastructure	FERNANDEZ CASANI, Alvaro
2:15 PM	[M37] LHCb trigger streams optimization	KAZEEV, Nikita
2:30 PM	[M57] Astronomy data delivery and processing services with CADC and CANFAR	Dr FABBRO, Sebastien
2:45 PM	[M47] Experiences with the new ATLAS Distributed Data Management System	GARONNE, Vincent
3:00 PM	[M2] Production Experience with the ATLAS Event Service	TSULAIA, Vakho

# Wednesday, October 12, 2016

## Track 4: Data Handling: Experiment Frameworks - GG C3 (11:15 AM - 1:00 PM)

-Conveners: Elizabeth Gallas; Wahid Bhimji

time	[id] title	presenter
11:15	<del>P15</del> [P15] GRID Storage Optimization in Transparent and User-Friendly Way for LHCb datasets	HUSHCHYN, Mikhail
11:30	<del>P18</del> [P18] Dynamo - The dynamic data management system for the distributed CMS computing system	
11:45	<del>P17</del> [P17] Design of the ProtoDUNE experiment data management infrastructure	POTEKHIN, Maxim
12:00	<del>P30</del> [P30] jade: An End-To-End Data Transfer and Catalog Tool	MEADE, PATRICK
12:15	<del>P40</del> [P40] Data Management and Database Framework for the MICE Experiment	MARTYNIAK, Janusz
12:30	<del>P49</del> [P49] Integrating Prediction, Provenance, and Optimization into High Energy Workflows	SCHRAM, Malachi

# Thursday, October 13, 2016

## Track 4: Data Handling: Data Transfer, Caching and Federation - GG C3 (11:00 AM - 12:30 PM)

-Conveners: Maria Girone; Wahid Bhimji

time	[id] title	presenter
11:00	<del>A19</del> Next Generation high performance, multi-dimensional scalable data transfer	HANUSHEVSKY, Andrew Bohdan Dr COTTRELL, Roger YANG, Wei Dr KROEGER, Wilko
11:15	<del>A19</del> Caching Servers for ATLAS	
11:30	<del>A11</del> HTTP as a Data Access Protocol: Trials with XrootD in CMS' AAA Project	VLIMANT, Jean-Roch
11:45	<del>A11</del> Accessing Data Federations with CVMFS	BOCKELMAN, Brian Paul
12:00	<del>A11</del> Using machine learning algorithms to forecast network and system load metrics for ATLAS Distributed Computing	LASSNIG, Mario