

CHEP 2018 Conference, Sofia, Bulgaria

Monday, July 9, 2018

T3 - Distributed computing: Experiment Frameworks and HPC - Hall 7 (11:00 AM - 12:30 PM)

-Conveners: David Cameron

time	[id] title	presenter
11:00 AM	[104] Experience running IceCube simulation workloads on the Titan supercomputer	SCHULTZ, David
11:15 AM	[117] Production experience and performance for ATLAS data processing on a Cray XC-50 at CSCS	SCIACCA, Gianfranco
11:30 AM	[118] Enabling production HEP workflows on Supercomputers at NERSC	BHIMJI, Wahid
11:45 AM	[145] BigPanDA Workflow Management on Titan for HENP and extreme scale applications	KLIMENTOV, Alexei
12:00 PM	[101] PanDA and RADICAL-Pilot Integration: Enabling the Pilot Paradigm on HPC Resources	SVIRIN, Pavlo
12:15 PM	[102] #585 slot	

T3 - Distributed computing: Facilities - Hall 7 (2:00 PM - 4:00 PM)

-Conveners: Julia Andreeva

time	[id] title	presenter
2:00 PM	[187] Advances and enhancements in the Fabrlc for Frontier Experiments Project at Fermilab	DI BENEDETTO, Vito
2:15 PM	[125] HEPCloud, an Elastic Hybrid HEP Facility using an Intelligent Decision Support System	VAANDERING, Eric
2:30 PM	[165] Modeling and Simulation of Load Balancing Strategies for Computing in High Energy Physics	GIFFELS, Manuel
2:45 PM	[159] The LZ UK Data Centre	BAUER, Daniela
3:00 PM	[184] THE JINR DISTRIBUTED COMPUTING ENVIRONMENT	KORENKOV, Vladimir
3:15 PM	[108] Extending CERN computing to volunteers - LHC@home consolidation and outlook	CAMERON, David
3:30 PM	[182] Many hands make light work: Experiences from a shared resource WLCG Tier-2 computing site	WASHBROOK, Andrew John
3:45 PM	[150] Advances in ATLAS@Home towards a major ATLAS computing resource	CAMERON, David

Tuesday, July 10, 2018

T3 - Distributed computing: Testing, Monitoring and Accounting - Hall 7 (11:00 AM - 12:30 PM)

-Conveners: Julia Andreeva

time	[id] title	presenter
11:00	A17 [A17] EGI Dataset Accounting and the WLCG	Mr COVENEY, Adrian
11:15	A16 [A16] GRACC: GRid ACcounting Collector	BOCKELMAN, Brian Paul
11:30	A10 [A10] Evolution of HammerCloud to commission CERN Compute resources	SCHOVANCOVA, Jaroslava
11:45	A13 [A13] Monitoring system for the Belle II distributed computing	KATO, Yuji
12:00	P16 [P16] Towards the integrated ALICE Online-Offline (O2) monitoring subsystem	WEGRZYNEK, Adam
12:15	P18 [P18] CRIC: a unified information system for WLCG and beyond	ANISENKOV, Alexey

T3 - Distributed computing: Performance Optimization, Security and Federated Identity - Hall 7 (2:00 PM - 4:00 PM)

-Conveners: David Cameron

time	[id] title	presenter
2:00 P	M11 [M11] Minimising wasted CPU time with interruptible LHCb Monte Carlo	MCNAB, Andrew
2:15 P	M31 [M31] ATLAS Grid Workflow Performance Optimization	ELMSHEUSER, Johannes
2:30 P	M79 [M79] Improving efficiency of analysis jobs in CMS	IVANOV, Todor Trendafilov HERNANDEZ, Jose
2:45 P	M48 [M48] Using AWS Athena analytics to monitor pilot job health on WLCG compute sites	LOVE, Peter
3:00 P	M0 [M0] Federated Identity Management for Research	SHORT, Hannah
3:15 P	M16 [M16] Operational security, threat intelligence & distributed computing: the WLCG Security Operations Center Working Group	CROOKS, David
3:30 P	M22 [M22] Macaroons: looking back and looking forward	MILLAR, Paul
3:45 P	M80 [M80] EOSC-hub AAI: A federated authentication and authorisation infrastructure for international scientific collaboration at scale	Mr LIAMPOTIS, Nicolas

Wednesday, July 11, 2018

T3 - Distributed computing: Experiment Frameworks and Operational Experiences (1) - Hall 7 (11:30 AM - 1:00 PM)

-Conveners: Hannah Short

time	[id] title	presenter
11:30	P106 [336] COMPASS Grid Production System	PETROSYAN, Artem
11:45	P149 [149] Overview of the ATLAS distributed computing system	ELMSHEUSER, Johannes
12:00	P167 [167] IceProd - A dataset management system for IceCube: Update	SCHULTZ, David
12:15	P107 [107] LHCb and DIRAC strategy towards the LHCb upgrade	STAGNI, Federico
12:30	P349 [349] Challenges of processing growing volumes of data for the CMS experiment during the LHC Run2	CREMONESI, Matteo
12:45	P093 [093] #461 slot	

Thursday, July 12, 2018

T3 - Distributed computing: Experiment Frameworks and Operational Experiences (2) - Hall 7 (11:00 AM - 12:30 PM)

-Conveners: Julia Andreeva

time	[id] title	presenter
11:00	A108 [A108] The XENON1T Data Distribution and Processing Scheme	BAUERMEISTER, Boris
11:15	A105 [A105] Harvester : an edge service harvesting heterogeneous resources for ATLAS	MAENO, Tadashi
11:30	A103 [A103] Using PanDA WMS for LSST Simulations on Distributed Infrastructure	SVIRIN, Pavlo
11:45	A107 [A107] The Cherenkov Telescope Array production system for data-processing and Monte Carlo simulation	ARRABITO, Luisa
12:00	P206 [P206] Multicore workload scheduling in JUNO	ZHANG, Xiaomei
12:15	P208 [P208] Exploring GlideinWMS and HTCondor scalability frontiers for an expanding CMS Global Pool	PEREZ-CALERO YZQUIERDO, Antonio

T3 - Distributed computing: Computing Models and Future Views - Hall 7 (2:00 PM - 3:30 PM)

-Conveners: David Cameron

time	[id] title	presenter
2:00 P	M117 [M117] CMS Computing Resources: Meeting the demands of the high-luminosity LHC physics program	LANGE, David
2:15 P	M119 [M119] Towards a computing model for the LHCb Upgrade	ROISER, Stefan
2:30 P	M143 [M143] The Future of Distributed Computing Systems in ATLAS: Boldly Venturing Beyond Grids	BARREIRO MEGINO, Fernando Harald
2:45 P	M194 [M194] JAliEn: the new ALICE high-performance and high-scalability Grid framework	MARTINEZ PEDREIRA, Miguel
3:00 P	M115 [M115] System Performance and Cost Modelling in LHC computing	SCIABA, Andrea
3:15 P	M109 [M109] OSG and GPUs: A tale of two use cases	FAJARDO HERNANDEZ, Edgar