

Conference on Computing in High Energy and Nuclear Physics

Monday 21 October 2024

Parallel (Track 1): Data and Metadata Organization, Management and Access - Room 1.B (Medium Hall B) (16:15 - 18:03)

-Conveners: Lucia Morganti; Ruslan Mashinistov

time	[id] title	presenter
16:15	[192] ATLAS WLCG Data Challenge 2024 planning and implementation	FORTI, Alessandra
16:33	[35] Data Challenge 2024 - CMS activities	WISSING, Christoph
16:51	[64] Next-Gen Storage Infrastructure for ALICE: Paving the Road Toward Hi-Luminosity LHC	PETERS, Andreas Joachim SINDRILARU, Elvin Alin
17:09	[89] Scitags: A Standardized Framework for Traffic Identification and Network Visibility in Data-Intensive Research Infrastructures	HANUSHEVSKY, Andrew Bohdan BABIK, Marian SULLIVAN, Tristan
17:27	[379] Achieving 100Gb/s data rates with XRootD - Preparing for HL-HLC and SKA	WALDER, James William
17:45	[348] Enhancing XRootD Load Balancing for High-Throughput transfers	BYRNE, Thomas JYOTHISH, Thomas

Tuesday 22 October 2024

Parallel (Track 1): Data and Metadata Organization, Management and Access - Room 1.B (Medium Hall B) (13:30 - 15:18)

-Conveners: Tigran Mkrtchyan; Lucia Morganti

time	[id] title	presenter
13:30	[101] Evolution of the CERN Tape Archive scheduling system	Dr GUENTHER, Jaroslav
13:48	[102] Challenges of repack in the era of the high-capacity tape cartridge	AFONSO, Joao
14:06	[507] New GridKa Tape Storage System – from design to production deployment	Mr LOBONTU, Dorin-Daniel
14:24	[80] ATLAS High-Luminosity LHC demonstrators with Data Carousel: Data-on-Demand and Tape Smart Writing	ZHAO, Xin
14:42	[294] A Tape RSE for Extremely Large Data Collection Backups	HANUSHEVSKY, Andrew Bohdan
15:00	[214] Archive Metadata for efficient data colocation on tape	LEDUC, Julien

Parallel (Track 1): Data and Metadata Organization, Management and Access - Room 1.B (Medium Hall B) (16:15 - 18:03)

-Conveners: Samuel Cadellin Skipsey; Ruslan Mashinistov

time	[id] title	presenter
16:15	[22] dCache project status & update	LITVINTSEV, Dmitry Mr MKRTCHYAN, Tigran
16:33	[355] Evolving StoRM WebDAV: delegation of file transfers to NGINX and support for SciTags	BASSI, Luca
16:51	[204] Advancing Large-Scale Scientific Collaborations with Rucio: A Data Management Story	GONZALEZ LABRADOR, Hugo
17:09	[392] Data Movement Manager (DMM) for the SENSE-Rucio Interoperation Prototype	ARORA, Aashay
17:27	[288] Validation of Shoveler XRootD monitoring	ELLIS, Katy
17:45	[57] FTS3 Token Support for a Proxy-less WLCG World	PATRASCOIU, Mihai

Wednesday 23 October 2024

Parallel (Track 1): Data and Metadata Organization, Management and Access - Room 1.B (Medium Hall B) (13:30 - 15:18)

-Conveners: Tigran Mkrtchyan; Lucia Morganti

time	[id] title	presenter
13:30	[309] Recent Experience with the CMS Data Management System	OZTURK, Hasan
13:48	[373] DUNE Rucio development and monitoring	YUAN, Wenlong
14:06	[59] FTS as a part of the SKA data movement pipeline	COOPER, Rose
14:24	[389] Distributed Data Management with Rucio for the Einstein Telescope	LAVEZZI, Lia
14:42	[282] Data Movement Model for the Vera C. Rubin Observatory	HERNANDEZ, Fabio
15:00	[441] The Belle II Raw Data Transfer System	BLOOMFIELD, Tristan

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16:15	[189] Adoption of ROOT RNTuple for the next main event data storage technology in the ATLAS production framework Athena	NOWAK, Marcin
16:33	[142] RNTuple: A CMS Perspective	SMITH, Nick
16:51	[110] ML-based Adaptive Prefetching and Data Placement for US HEP systems	Dr RAMAMURTHY, Byrav
17:09	[256] Advancements in the in-file metadata system for the ATLAS experiment	SZYMANSKI, Maciej Pawel
17:27	[412] Efficient metadata management with the AMI ecosystem	Mr LAMBERT, Fabian
17:45	[297] So FAIR, so good: the INFN strategy for Data Stewardship	RINALDI, Lorenzo GAIDO, Luciano

Thursday 24 October 2024

Parallel (Track 1): Data and Metadata Organization, Management and Access - Room 1.B (Medium Hall B) (13:30 - 15:18)

-Conveners: Samuel Cadellin Skipsey; Tigran Mkrтчhyan

time	[id] title	presenter
13:30	[68] Comparing Cache Utilization Trends for Regional Data Caches	WU, John
13:48	[368] Enhancing CMS XCache efficiency: A comparative study of Machine Learning techniques and LRU mechanisms	FLIX MOLINA, Jose
14:06	[249] Data Placement Optimization for ATLAS in a Multi-Tiered Storage System within a Data Center	GAMBOA, Carlos Fernando GAMBOA, Carlos Fernando
14:24	[257] Advancing ATLAS DCS Data Analysis with a Modern Data Platform	SOLIS, Michelle Ann
14:42	[194] Impact of RNTuple on storage resources for ATLAS production	OVSIIANNIKOVA, Tatiana

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16:15	[53] Upcoming database developments at CERN	NOWICKI, Andrzej
16:33	[65] Physics Data Forge: Unveiling the Power of I/O Systems in CERN's Test Infrastructure	AMADIO, Guilherme
16:51	[58] Ceph at CERN in the multi-datacentre era	GOGGIN, Zachary
17:09	[333] Reading Tea Leaves - Understanding internal events and addressing performance issues within a CephFS/XRootD Storage Element.	DOIDGE, Matt
17:27	[454] Distributed management and processing of ALICE monitoring data with Onedata	Dr ORZECZOWSKI, Michał
17:45	[317] Carbon costs of storage: a UK perspective.	SKIPSEY, Samuel Cadellin