



# 26TH INTERNATIONAL CONFERENCE ON COMPUTING IN HIGH ENERGY & NUCLEAR PHYSICS (CHEP2023)

## Monday, May 8, 2023

**Track 4 - Distributed Computing: Analysis Workflows, Modeling and Optimisation - Marriott Ballroom II-III (11:00 AM - 12:30 PM)**

-Conveners: Rohini Joshi; Fernando Barreiro Megino

time	[id] title	presenter
11:00 AM	[197] Distributed Machine Learning with PanDA and iDDS in LHC ATLAS	WEBER, Christian
11:15 AM	[423] ATLAS data analysis using a parallelized workflow on distributed cloud-based services with GPUs	SANDESARA, Jay
11:30 AM	[306] Modelling Distributed Heterogeneous Computing Infrastructures for HEP Applications	Mr HORZELA, Maximilian
11:45 AM	[544] Digital Twin Engine Infrastructure in the interTwin Project	FUHRMANN, Patrick
12:00 PM	[349] IceCube SkyDriver - A SaaS Solution for Event Reconstruction using the Skymap Scanner	EVANS, Ric
12:15 PM	[511] Analysis Grand Challenge benchmarking tests on selected sites	KOCH, David

**Track 4 - Distributed Computing: Computing Strategies and Evolution - Marriott Ballroom II-III (2:00 PM - 3:30 PM)**

-Conveners: Hideki Miyake; Fernando Barreiro Megino

time	[id] title	presenter
2:00 PM	[267] JUNO distributed computing system	ZHANG, Xiaomei
2:15 PM	[291] Computing Challenges for the Einstein Telescope project	PARDI, Silvio
2:30 PM	[378] The Ligo-Virgo-KAGRA Computing Infrastructure for Gravitational-wave Research	LEGGER, Federica
2:45 PM	[62] The U.S. CMS HL-LHC R&D Strategic Plan	GUTSCHE, Oliver
3:00 PM	[193] R&D in ATLAS Distributed Computing towards HL-LHC	SOUTH, David
3:15 PM	[415] Future Data-Intensive Experiment Computing Models: Lessons learned from the recent evolution of the ATLAS Computing Model	KLIMENTOV, Alexei

**Tuesday, May 9, 2023****Track 4 - Distributed Computing: Infrastructure and Services - Marriott Ballroom II-III (11:00 AM - 12:30 PM)****-Conveners: Fernando Barreiro Megino; Katy Ellis**

time	[id] title	presenter
11:00 AM	[527] Tools and Services for Collaborations: On-Boarding to the OSG Fabric of Services	PASCHOS, Pascal
11:15 AM	[545] Managing the OSG Fabric of Services the GitOps Way	BOCKELMAN, Brian
11:30 AM	[391] CernVM-FS at Extreme Scales	PROMBERGER, Laura
11:45 AM	[108] AUDITOR: Accounting for opportunistic resources	Dr BOEHLER, Michael
12:00 PM	[320] JIRIAF: JLAB Integrated Research Infrastructure Across Facilities	GYURJYAN, Vardan
12:15 PM	[198] The Platform-as-a-Service paradigm meets ATLAS: developing an automated analysis workflow on the newly established INFN Cloud	MARCON, Caterina

**Track 4 - Distributed Computing: Monitoring, Testing and Analytics - Marriott Ballroom II-III (2:00 PM - 3:30 PM)****-Conveners: Hideki Miyake; Katy Ellis**

time	[id] title	presenter
2:00 PM	[69] The CMS monitoring applications for LHC Run 3	LEGGER, Federica
2:15 PM	[228] BigPanDA monitoring system evolution in the ATLAS experiment	KLIMENOV, Alexei
2:30 PM	[22] Site Sonar - A Flexible and Extensible Infrastructure Monitoring Tool for ALICE Grid	STORETVEDT, Maksim
2:45 PM	[246] Bringing the ATLAS HammerCloud setup to the next level with containerization	Mr ROTTLER, Benjamin
3:00 PM	[248] Operational Analytics Studies for ATLAS Distributed Computing: Data Popularity Forecast and Ranking of the WLCG Centers	KLIMENOV, Alexei
3:15 PM	[29] Analysis and optimization of ALICE Run 3 multicore Grid jobs	BERTRAN FERRER, Marta

**Track 4 - Distributed Computing: Security and Tokens - Marriott Ballroom II-III (4:30 PM - 6:00 PM)****-Conveners: Katy Ellis; Fernando Barreiro Megino**

time	[id] title	presenter
4:30 PM	[480] Collaborative Operational Security: The future of cybersecurity for Research and Education	CROOKS, David
4:45 PM	[270] Improving computer security in HEP with multiple factor authentication: experience and reflections	AHMAD, Adeel
5:00 PM	[139] WLCG transition from X.509 to tokens: Status and Plans	DACK, Tom
5:15 PM	[624] Transitioning GlideinWMS, a multi domain distributed workload manager, from GSI proxies to tokens and other granular credentials	MAMBELLI, Marco
5:30 PM	[212] Adoption of a token-based authentication model for the CMS Submission Infrastructure	MASCHERONI, Marco
5:45 PM	[313] DIRAC: current, upcoming and planned capabilities and technologies	Dr BOYER, Alexandre

**Thursday, May 11, 2023****Track 4 - Distributed Computing: Distributed Storage and Computing Resources - Marriott Ballroom II-III (11:15 AM - 12:45 PM)****-Conveners: Rohini Joshi; Hideki Miyake**

time	[id] title	presenter
11:15 AM	[575] Federated Access to Distributed Storage in the EIC Computing Era	POAT, Michael
11:30 AM	[103] Improvement in user experience with Rucio integration into grid tools at Belle II	PANTA, Anil
11:45 AM	[59] Job CPU Performance comparison based on MINIAOD reading options: local versus remote	BALCAS, Justas
12:00 PM	[232] Utilizing Distributed Heterogeneous Computing with PanDA in ATLAS	BARREIRO MEGINO, Fernando
12:15 PM	[162] The integration of heterogeneous resources in the CMS Submission Infrastructure for the LHC Run 3 and beyond	Dr PÉREZ-CALERO YZQUIERDO, Antonio
12:30 PM	[84] Managing remote cloud resources for multiple HEP VO's with cloudscheduler	EBERT, Marcus

**Track 4 - Distributed Computing: Workload Management - Marriott Ballroom II-III (2:00 PM - 3:30 PM)****-Conveners: Katy Ellis; Rohini Joshi**

time	[id] title	presenter
2:00 PM	[30] Integrating the PanDA Workload Management System with the Vera C. Rubin Observatory	Dr KARAVAKIS, Edward
2:15 PM	[521] The Rubin Observatory's Legacy Survey of Space and Time DP0.2 processing campaign at CC-IN2P3	HERNANDEZ, Fabio
2:30 PM	[268] Lightweight Distributed Computing System Oriented to LHHAASO Data Processing	CHENG, Yaodong
2:45 PM	[367] The Cherenkov Telescope Array Observatory workflow management system	FAURE, Alice
3:00 PM	[498] The ALICE Grid Workflow for LHC Run 3	STORETVEDT, Maksim
3:15 PM	[28] Dynamic scheduling using CPU oversubscription in the ALICE Grid	BERTRAN FERRER, Marta