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

Monday, May 8, 2023

Track 5 - Sustainable and Collaborative Software Engineering: Sustainable Languages and Architectures - Chesapeake Meeting Room (11:00 AM - 12:30 PM)

   -**Conveners: Elizabeth Sexton; Andre Sailer**

time	[id] title	presenter
11:00 AM	[171] Is Julia ready to be adopted by HEP?	GÁL, Tamás
11:15 AM	[206] Polyglot Jet Finding	STEWART, Graeme
11:30 AM	[395] The ATLAS experiment software on ARM	ELMSHEUSER, Johannes
11:45 AM	[481] Multilanguage Frameworks	HRIVNAC, Julius
12:00 PM	[603] User-Centered Design for the Electron-Ion Collider	DIEFENTHALER, Markus
12:15 PM	[615] Train to Sustain	MALIK, Sudhir

Tuesday, May 9, 2023

Track 5 - Sustainable and Collaborative Software Engineering: Sustainable CI and Build Infrastructure - Chesapeake Meeting Room (11:00 AM - 12:30 PM)

-Conveners: Eduardo Rodrigues; Andre Sailer

time	[id] title	presenter
11:00 AM	[514] Large scale dynamic web deployment for CERN, experience and outlook	RAJULA, Vineet Reddy
11:15 AM	[440] Modern Software Development for JUNO offline software	Dr LIN, Tao
11:30 AM	[383] Operational Intelligence in the ATLAS Continuous Integration System	UNDRUS, Alexander
11:45 AM	[341] Managing software build infrastructure at ALICE using Hashicorp Nomad	WILKEN, Timo
12:00 PM	[217] Version control and DevOps platform for accelerator and experiments: experience and outlook	POSADA TROBO, Ismael

Track 5 - Sustainable and Collaborative Software Engineering: Glance and Web based applications - Chesapeake Meeting Room (2:00 PM - 3:30 PM)

-Conveners: Giulio Eulisse; Elizabeth Sexton

time	[id] title	presenter
2:00 PM	[932] Iterative and incremental development of the ATLAS Publication Tracking system	CRUZ, Ana Clara Loureiro
2:15 PM	[368] Enhancing data consistency in ATLAS and CERN databases through automated synchronization	ALEKSANDRAVICIUS, Gabriel de Aragão
2:30 PM	[994] Glance Search Interface	FERREIRA BRITO FILHO, Carlos Henrique
2:45 PM	[998] The migration to a standardized architecture for developing systems on the Glance project	FERREIRA BRITO FILHO, Carlos Henrique
3:00 PM	[383] Security Models for ALICE Online Web-Based Applications	RADUTA, George
3:15 PM	[406] Building a highly modular user-oriented notification system	ANTUNES, Carina

Track 5 - Sustainable and Collaborative Software Engineering: Sustainable Analysis - Chesapeake Meeting Room (4:30 PM - 6:00 PM)

-Conveners: Elizabeth Sexton; Eduardo Rodrigues

time	[id] title	presenter
4:30 PM	[88] Fine-Grained HEP Analysis Task Graph Optimization with Coffea and Dask	GRAY, Lindsey
4:45 PM	[110] Law: End-to-End Analysis Automation over Distributed Resources	RIEGER, Marcel
5:00 PM	[307] Analysis of physics analysis	SCHREINER, Henry
5:15 PM	[917] LbMCSubmit: A new flexible and scalable request submission system for LHCb simulation	Dr BURR, Christopher
5:30 PM	[937] An Intelligent Data Analysis System for Biological Macromolecule Crystallography	SUN, Hao-Kai
5:45 PM	[928] Ensuring Simulation Quality in the LHCb experiment	COUTURIER, Benjamin

Thursday, May 11, 2023

Track 5 - Sustainable and Collaborative Software Engineering: MISC: MonteCarlos, Infrastructure and Simulation -

Chesapeake Meeting Room (11:15 AM - 12:45 PM)

   -Conveners: Andre Sailer; Giulio Eulisse

time	[id] title	presenter
11:15 AM	[91] Integrating the RIVET analysis tool into EPOS 4	JAHAN, Johannes
11:30 AM	[490] GEMC: a database driven Monte Carlo simulation program	UNGARO, Maurizio
11:45 AM	[517] The LHCb simulation software Gauss and its Gaussino core framework	MAZUREK, Michał
12:00 PM	[500] From prototypes to large scale detectors: how to exploit the Gaussino simulation framework for detectors studies, with a detour into machine learning	MAZUREK, Michał
12:15 PM	[467] LCIO Turns 20	GRAF, Norman
12:30 PM	[401] Darshan for HEP application	WANG, Rui

Track 5 - Sustainable and Collaborative Software Engineering: Sustainable Frameworks - Chesapeake Meeting Room

(2:00 PM - 3:30 PM)

   -Conveners: Eduardo Rodrigues; Giulio Eulisse

time	[id] title	presenter
2:00 PM	[97] Meld: Exploring the feasibility of a framework-less framework	KNOEPFEL, Kyle
2:15 PM	[67] Publication of the Belle II Software	KUHR, Thomas
2:30 PM	[518] Key4hep Progress Report on Integrations	GANIS, Gerardo SAILER, Andre
2:45 PM	[576] The Open Data Detector	Dr SALZBURGER, Andreas