

24th International Conference on Computing in High Energy & Nuclear Physics

Tuesday, November 5, 2019

Track X – Crossover sessions: Optimisation and acceleration - Riverbank R4 (2:00 PM - 3:30 PM)

-Conveners: Yu Nakahama Higuchi; Teng Jian Khoo

time	[id] title	presenter
2:00 PM	[M77] FPGA-accelerated machine learning inference as a service for particle physics computing	PEDRO, Kevin
2:15 PM	[M11] GPU-based reconstruction and data compression at ALICE during LHC Run 3	ROHR, David
2:30 PM	[M07] Reconstruction of track candidates at the LHC crossing rate using FPGAs	TUCI, Giulia
2:45 PM	[M78] Quantum annealing algorithms for track pattern recognition	SAITO, Masahiko
3:00 PM	[M89] The Tracking Machine Learning Challenge	VLIMANT, Jean-Roch
3:15 PM	[M05] Evolving Geant4 to cope with the new HEP computing challenges	GHEATA, Andrei

Track X – Crossover sessions: Collaborative and common software - Riverbank R4 (4:30 PM - 6:00 PM)

-Conveners: Steven Schramm; Paul James Laycock

time	[id] title	presenter
4:30 PM	[M34] Running synchronous detector reconstruction in ALICE using declarative workflows	RICHTER, Matthias
4:45 PM	[M51] Let's get our hands dirty: a comprehensive evaluation of DAQDB, key-value store for petascale hot storage.	Mr JERECZEK, Grzegorz
5:00 PM	[M45] Big Data solutions for the online processing of trigger-less detectors data	ZANETTI, Marco
5:15 PM	[M16] Implementation of the ATLAS trigger within the multi-threaded AthenaMT framework	KHOO, Teng Jian
5:30 PM	[M50] The ACTS project: track reconstruction software for HL-LHC and beyond	GESSINGER-BEFURT, Paul
5:45 PM	[M97] Towards a Turnkey Software Stack for HEP Experiments	SAILER, Andre