2023 CERN openlab Technical Workshop

Thursday, 16 March 2023

Exascale technologies: Heterogeneous Architectures Adoption - 503/1-001 - Council Chamber (10:15 - 11:15)

time	[id] title	presenter
10:15	[7] Integrating DPC++/oneAPI in the ATLAS software	KRASZNAHORKAY, Attila
10:30	[5] Using SYCL for accelerating CMS physics reconstruction algorithms on heterogeneous backends	PANTALEO, Felice
10:45	[6] OneAPI for LHCb High Level Trigger	KARVELAS, Apostolos
11:00	[4] Accelerating Madgraph with CPU vectorization and GPUs	VALASSI, Andrea

Exascale technologies: Heterogeneous Architectures Adoption - 503/1-001 - Council Chamber (11:45 - 12:30)

time	[id] title	presenter
11:45	[8] HEPScore: the HEP-specific benchmark	GIORDANO, Domenico
12:00	[9] Heterogeneous architectures testbed	SANTOS, Joaquim MASTYNA, Krzysztof Michal
12:15	[42] HPC Benchmarking towards Exascale	SOUTHWICK, David