

2022 CERN openlab Technical Workshop

Monday, 21 March 2022

Exascale technologies: Heterogeneous Architectures Adoption, Unified Programming Models and Benchmarking - Zoom

(13:50 - 15:50)

-Conveners: Maria Girone

time	[id] title	presenter
13:50	[10] Introduction to Exascale	GIRONE, Maria
14:00	[11] The Allen project	NEUFELD, Niko GLIGOROV, Vladimir
14:10	[12] The Patatrack project	REDJEB, Wahid
14:20	[13] Exploring heterogeneous architectures in ATLAS	KRASZNAHORKAY, Attila
14:30	Q&A;/break	
14:40	[14] Accelerating Madgraph with OneAPI	FIELD, Laurence
14:50	[15] Heterogeneous Architectures Testbed at CERN	SANTOS, Joaquim MASTYNA, Krzysztof Michal ATZORI, Luca
15:00	[16] Benchmarking on HPC	SOUTHWICK, David
15:10	Q&A;/break	
15:20	[17] Panel: The challenges of adopting heterogeneous architectures in HEP (Panelists: James Reinders - Intel, Tom Gibbs - NVIDIA, Andrea Bocci , Attila Krasznahorkay, Vladimir Gligorov, Stephan Hageboeck)	