Track 1 – Hardware Architectures:

Lead: Vitali Morozov (morozov@anl.gov)

8:30AM Frontier Exascale Architecture – AMD MI250x and HPE Slingshot Tom Papatheodore, ORNL

9:10AM Aurora Exascale Architecture – Intel Data Center GPU Max Series, DAOS and HPE Slingshot

Servesh Muralidharan, ALCF

9:50AM NVIDIA H100 and Grace Hopper Architecture Giri Chukkapalli, NVIDIA

10:30AM Break

11:00AM Advancing Scientific Machine Learning with AI Accelerators in ALCF AI Testbed Murali Emani, ALCF

11:45AM Introduction on DataFlow Architectures and Trends
Jose Monsalve Diaz, Sid Raskar, ALCF

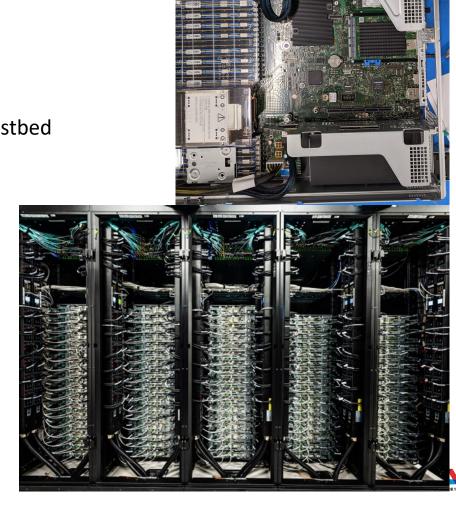
12:30PM Lunch

1:30PM The Next Hardware Revolution is Software Kelly Marguardt, Next Silicon

2:00PM Quantum Computing Trends Yuri Alexeev, ANL

2:30PM Q&A

3:00PM Break



Questions and Answers Session at 2:30 pm

ALCF-Workshops.slack.com
Channel #atpesc-2023-track-1-hw

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