

Tuesday, February 6, 2018

8:00-8:45 AM	Working Breakfast: ECP Welcome, ECP Leadership Ballroom DEFG	
8:45-9:45 AM	Keynote Address, Gil Weigand Ballroom DEFG	
9:45-10:15 AM	Break	
10:15 AM-12:00 PM	Plenary Session Ballroom DEFG <ul style="list-style-type: none"> HPC Early Science and Readiness Programs Delivering ECP Software 	Tutorial Track 1 T-4 Room 301A Application-driven Fault-Tolerance for High Performance Distributed Computing T-5 Room 301E Asynchronous, Data Effects Programming with DARMA T-15 Room 301C Introduction to ECP Agile Project Management Tools T-17 Lecture Hall Introduction to Machine Learning
12:00-1:30 PM	Working Lunch Ballroom DEFG Better Scientific Software Initiative – Lois Curfman McInnes and Mike Heroux	
1:30-3:00 PM	Poster Session Cumberland Concourse AD/Co-design, HI, Facilities	Tutorial Track 2 T-3 Room 200C Analyzing Memory Performance Using Caliper T-18 Room 200A Introduction to Modern CMake
		Tutorial Track 3 T-28 Ballroom B Using C++ for Scientific Programming T-31 Ballroom C What All Codes Should Do: Overview of Best Practices in HPC Software Development
3:00-3:30 PM	Break	
3:30-4:00 PM	Continuous Integration Plan Ballroom DEFG	Tutorial Track 3 (continued)
4:00-5:30 PM	Breakout Sessions Track 1 B-AD-5 Room 301A An Introduction to Scalable Deep Learning with CANDLE B-ST-10 Room 300C Core-Edge Coupling: An Integrated ECP Demonstration B-AD-18 Room 301E Extreme-Scale Data Transfer: Architectural Framing, Current Practice, and Path to the Future B-HI-21 Ballroom A GPU Accelerated Computing for the Exascale B-ST-23 Room 200E Kokkos Performance Portability Ecosystem B-AD-24 Room 200A Materials and Chemistry (and other small things) Applications B-ST-26 Room 301C MPI and OpenMP B-ST-35 Room 200C The LLVM Compiler Infrastructure in ECP - Usage, Challenges, and Improvements B-HI-NDA-31 Lecture Hall PathForward – Intel (NDA)	
5:30-6:00 PM	Break	
6:00-7:30 PM	Working Dinner Exascale: Out-Compute to Out-Compete Ballroom DEFG Panel of Executives from ECP Industry Council	