


# Agenda

## Breakout Sessions

 **90'** All Breakout Sessions within a red box happen contemporarily

AD #7 CEED: High-Order Methods and Applications	AD #17 Experience and Requirements for Workflows	<b>Wed 2/7</b> 10:30 am – 12 pm	
ST #19 Fighting Application Amnesia: Tools for Memory Analysis and Characterization of Scientific Applications	AD #2 Algorithmic, software, and integration challenges for exascale energy applications		
ST #3 Alternative Programming Models in ECP	Facility Updates #6 Bridging of Facilities BOF		
HI #36 Understanding the Exascale System through Abstract Machine Models	HI #30 PathForward Presentation - IBM		

AD #11 Data Analytics and Optimization Applications	AD #37 Urban Coupled Simulations	<b>Thu 2/8</b> 10:30 am – 12 pm	
ST #8 Checkpoint/Restart, Compression and Workflow	ST #16 Exascale Debugging and Correctness		
HI #9 Continuous Integration Testing for ECP: An essential software development tool	HI #22 Hardware Evaluation – Analysis and Predictive Capability for Exascale		
HI #32 PathForward Presentation - NVIDIA			

Lunch

Lunch

Lunch

HI #28 PathForward Presentation - Cray	<b>Thu 2/8</b> 1:30 – 3 pm		
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AD #20 FOM and ST Integration for Earth and Space Science Applications	AD #34 The CODAR Software Stack	<b>Wed 2/7</b> 3:30 – 5 pm	
ST #1 Addressing complex memory for exascale systems and applications	ST #12 Data Management Software Tech.: I/O Interfaces and Data Services	ST #39 Using the Flang/LLVM compiler for ECP Applications and Tools Development	
HI #38 Using KNL to prepare for exascale. Experience on Cori and Theta	ST #25 Mixed model Programming	HI #29 PathForward Presentation - HPE	

AD #15 Everything You Always Wanted to Know About Proxy Apps but Were Afraid to Ask	<b>Thu 2/8</b> 3:30 – 5 pm		
ST #4 An exascale Fortran interface to Trilinos	ST #13 ECP Analysis and Visualization Mini Symposium	ST #33 Spack State of the Union	
HI #14 Enhancing Productivity and Innovation in ECP with a Team of Teams Approach	HI #27 PathForward Presentation - AMD		

AD #5 An Introduction to Scalable Deep Learning with CANDLE	AD #18 Extreme-scale data transfer: Architectural framing, current practice, and path to the future	<b>Tue 2/6</b> 4 – 5:30 pm	
AD #24 Materials and Chemistry (and other small things) Applications	ST #10 Core-Edge Coupling: An Integrated ECP Demonstration	ST #23 Kokkos Performance Portability Ecosystem	
HI #31 PathForward Presentation - Intel	HI #21 GPU Accelerated Computing for the Exascale	ST #26 MPI and OpenMP	
		ST #35 The LLVM Compiler Infrastructure in ECP - Usage, Challenges, and Improvements	