

Thursday, January 17, 2019

7:00 AM-6:00 PM	Registration Desk Legends Pre-function Area			
7:30-8:30 AM	Working Breakfast: Overview of Thursday Legends Ballroom			
8:30-10:00 AM	NDA Session 1 Founders I & II PathForward Vendor Presentation HPE (Repeat)	NDA Session 2 (Sheraton) Greenbrier Ballroom NVBit: A Binary Instrumentation Tool for CUDA	Tutorial Track 1 Champions I Advanced Programming on Hybrid Computers in PaRSEC Using Symbolic Representation Champions II Boosting power efficiency of HPC applications with GEOPM Champions VI (*) Contemporary Peer Code Review in Scientific Software Development (Part I) Champions VII (*) In Situ Visualization and Analysis with Ascent (Part I)	Breakout Sessions Track 1 Founders III CEED: High-Order Methods and Applications Founders IV System-level architecture simulation for exascale: challenges and opportunities Champions III Management of Complex, Heterogeneous & Hierarchical Memory Resources Champions V Toward Common and Interoperable Software Infrastructures
10:00-10:30 AM	Break Legends Pre-function Area			
10:30 AM-12:00 PM	NDA Session 1 Legends Ballroom PathForward Vendor Presentation Intel (Repeat)	NDA Session 2 (Continued)	Tutorial Track 1 (Continued) (*) Room changes Champions V Contemporary Peer Code Review in Scientific Software Development (Part II) Champions VI & VII In Situ Visualization and Analysis with Ascent (Part II)	Breakout Sessions Track 2 Founders I & II Kokkos Applications: Lessons Learned Founders III & IV Performance Portability at the Intersection of the Exascale Computing Project and the DOE Centers of Excellence Champions III Lessons Learned from National Security Applications
12:00-1:30 PM	Working Lunch Legends Ballroom Plenary – Exascale Deep Learning			

<p>1:30-3:00 PM</p>	<p>NDA Session 1 (Sheraton) Greenbrier Ballroom PathForward Vendor Presentation AMD (Repeat)</p>		<p>Tutorial Track 2 Champions III SLATE and MAGMA: linear algebra for HPC Champions V Kokkos Short Tutorial Champions VI & VII TAU Performance System</p>	<p>Breakout Sessions Track 2 Founders III Modeling the Coupling of Climate, Urban Microclimate, and the Built Environment Founders IV Supporting Complex Workflows from Experimental and Observational Facilities Champions I & II Online Data Analysis and Reduction Software</p>	<p>Breakout Sessions Track 4 Founders I & II Portable, High-Performance C++ Programming Models for Heterogeneous Architectures</p>
<p>3:00-3:30 PM Break Legends Pre-function Area</p>					
<p>3:30-4:30 PM</p>	<p>NDA Session 1 (Sheraton) Greenbrier Ballroom PathForward Vendor Presentation NVIDIA (Repeat)</p>	<p>NDA Session 2 Legends Ballroom Demonstrating new hardware capabilities with ECP applications IBM</p>	<p>Tutorial Track 3 Founder III & IV Umpire: Managing Heterogeneous Memory Resources Champions III Introduction to the Global Arrays Toolkit</p>	<p>Breakout Sessions Track 3 Founders I & II Containers in HPC Champions I & II Software Assurance and HPC Champions V Resource Management and Scheduling Challenges at Exascale</p>	
<p>4:30-5:00 PM Adjourn Formal Meeting Legends Ballroom Closing Comments from ECP Director and L2 Leads</p>					