

Tuesday, July 24, 2018			
7:00am - 8:00am	Continental Breakfast		Plaza Ballroom Foyer
8:00am - 5:30pm	Poster Session	Mark Pederson	Atrium
8:15am - 9:15am	SciDAC-4-ASCR Facilities Discussion	Ceren Susut, Randall Lavolette US Department of Energy	Plaza Ballroom
9:15am - 9:30am	Break		Plaza Ballroom Foyer
9:15am - 12:00pm	<p><i>Breakout Sessions:</i></p> <p>9:30 – 12:00 – High Energy Physics (HEP) 9:30 – 9:50: Jim Amundson, ComPASS4 (15+5 min) 9:50 – 10:10: Salman Habib, Inference and Machine Learning (15+5 min) 10:10 – 10:30: Jim Kowalkowski, HEP Data Analytics (15+5 min) 10:30 – 10:45: Giuseppe Cerati, Pilot - Event Reconstruction (10+5 min) 10:45 – 11:00: Stephan Hoeche, Pilot - Monte Carlo Event Generators (10+5 min) 11:00 – 11:15: Break 11:15 – 12:00: Discussion: Future Plans - HEP Cross-Cut Computing Challenges, CCE Engagement, SciDAC Coordinating Committee activities; Lessons Learned (45 min)</p> <p>9:30 – 12:00 – Fusion Energy Sciences (FES) α 9:30 – 9:45: opening remarks, John Mandrekas, Randall Lavolette 9:45 – 10:15: David Green, ORNL, "Center for Integrated Simulation of Fusion Relevant RF Actuators" 10:15 – 10:45: Jeff Candy, General Atomics, "Advanced Tokamak Modeling Environment (AToM)" 10:45 – 11:00: Break 11:00 – 11:30: CS Chang, PPPL, "Partnership Center for High-fidelity Boundary Plasma Simulation (HBPS)" 11:30 – noon: Xianzhu Tang, LANL, "Tokamak Disruption Simulation"</p>	<p>Lali Chatterjee</p> <p>John Mandrekas</p>	<p>Regency</p> <p>Eisenhower</p>
12:00pm - 1:30pm	Lunch		Plaza Ballroom Foyer
1:30pm - 5:00pm	<p>Breakout Sessions cont.</p> <p>1:30 – 5:00 – Biological & Environmental Research (BER) 1:30 Opening 10 minutes: Dorothy, Randall, Kate 1:40 Prospect 20 minutes – Steve Price 2:00 CANGA 20 minutes – Phil Jones 2:15 NH-dycore 15 min – Peter Bosler 2:30 Break 2:45 UQ-sensor 15 min – Daniel Ricciuto 3:00 Sea-ice 15 min – Adrian Turner 3:15 Atmos physics convergence 15 min – Hui Wan 3:30 Vertical grids 10 min – Tak Yamguchi 4:40 3D-Flow 10 min – Gautam Bisht 4:50 Discussion 5:00 Adjourn</p> <p>1:30 – 5:00 – Fusion Energy Sciences (FES) β 1:30 – 2:00: David Hatch, University of Texas, "Partnership for Multiscale Gyrokinetic (MGK) Turbulence" 2:00 – 2:30: Steve Jardin, PPPL, "Center for Tokamak Transients Simulations (CTTS)" 2:30 – 3:00: Zhihong Lin, University of California, Irvine, "Integrated Simulation of Energetic Particles in Burning Plasmas (ISEP)" 3:00 – 3:15: Break 3:15 – 3:45: Brian Wirth, University of Tennessee, Knoxville / ORNL, "Plasma Surface Interactions: Predicting the Performance and Impact of Dynamic PFC Surfaces" 3:45 – 4:15: Mark Shephard, RPI, "Unstructured Mesh Technologies for Fusion Simulation Codes" 4:15 – 5:00: All, Discussion / Whole-Device Modeling (WDM) integration</p>	<p>Dorothy Koch</p> <p>John Mandrekas</p>	<p>Regency</p> <p>Eisenhower</p>
5:00pm - 5:30pm	Wrap up and Farewell	Ceren Susut, Randall Lavolette US Department of Energy	Plaza Ballroom
5:30pm	Adjourn		