
Wednesday, July 22ND

Time	Session	Speaker	Moderator	Principal Investigator
0900-0915	Welcome	Bill Harrod	Laviolette	
0915-0927	ASCR Intro	Ceren Susut	Laviolette	
0927-0939	FES Intro	John Mandrekas	Laviolette	
0939-0951	HEP Intro	Lali Chatterjee	Laviolette	
0951-1003	NP Intro	Ted Barnes	Laviolette	
1003-1015	BER Intro	Dorothy Koch	Laviolette	
1015-1027	BES Intro	Mark Pederson	Laviolette	
1027-1045	break			
1045-1115	Scalable Data Management, Analysis, and Visualization (SDAV)	Arie Shoshani	Chatterjee	Arie Shoshani
1115-1145	Computation-Driven Discovery for the Dark Universe	Salman Habib	Chatterjee	Salman Habib
1200-1400	Working Lunch: "AURORA"	Susan Coghlan	Laviolette	
1400-1430	Computing Properties of Hadrons, Nuclei, and Nuclear Matter from Quantum Chromodynamics	Balint Joo	Mandrekas	Frithjof Karsch
1430-1500	Partnership for Edge Physics Simulation (EPSI)	C.-S. Chang	Mandrekas	C.-S. Chang
1500-1530	Advanced Modeling of Ions in Solutions, on Surfaces, and in Biological Environments	Xifan Wu	Mandrekas	Roberto Car
1530-1800	Posters		Oliker	

THURSDAY, JULY 23RD

0830-0900	Quantification of Uncertainty in Extreme Scale Computations (QUEST)	Habib Najm	Koch	Habib Najm
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0900-0930	Searching for Physics Beyond the Standard Model: Strongly-Coupled Field Theories at the Intensity and Energy Frontiers	Richard Brower	Koch	Paul Mackenzie
0930-0945	break			
0945-1015	Optimizing Superconductor Transport Properties through Large-Scale Simulation	Andreas Glatz	Koch	Andreas Glatz
1015-1045	Predicting Ice Sheet and Climate Evolution at Extreme Scales (PISCEES)	Steve Price	Koch	Esmond Ng Steve Price
1045-1100	break			
1100-1130	Scalable Computational Tools for Discovery and Design: Excited State Phenomena in Energy Materials	Jack Deslippe	Barnes	Jim Chelikowsky
1130-1200	Nuclear Computational Low Energy Initiative (NUCLEI)	James Vary	Barnes	Joe Carlson
1200-1400	Working Lunch: "SUMMIT"	Jack Wells	Lavolette	
1400-1430	Frameworks, Algorithms, and Scalable Technologies for Mathematics (FASTMath)	Lori Diachin	Lee	Lori Diachin
1430-1500	Discontinuous methods for massively parallel QMD: Li-ion interface dynamics from first principles	John Pask	Lee	John Pask
1500-1515	break			
1515-1545	Advanced Tokamak Modeling: AToM	Jeff Candy	Mandrekas	Jeff Candy
1545-1615	Predictive Computing for Condensed Matter	Garnet Chan	Mandrekas	So Hirata
1615-1645	Community Project for Accelerator Science and Simulation (COMPASS)	Panagiotis Spentzouris	Mandrekas	Panagiotis Spentzouris
FRIDAY, JULY 24TH				
0830-0900	Institute for Sustained Performance, Energy, and Resilience (SUPER)	Lenny Oliker	Susut	Lenny Oliker

0900-0930	Plasma Surface Interactions (PSI)	Brian Wirth	Susut	Brian Wirth
0930-0945	break			
0945-1015	Simulating the Generation, Evolution and Fate of Electronic Excitations in Molecular and Nanoscale Materials with First Principles Methods	Martin Head-Gordon	Pederson	Martin Head-Gordon
1015-1045	Nuclear Physics From First Principles (CaLLAT)	Wick Haxton Andre Walker-Loud	Pederson	Wick Haxton
1045-1100	break			
1100-1130	Developing Advanced Methods for Excited State Chemistry in the NWChem Software Suite	Bert de Jong	Davenport	Chris Cramer
1130-1200	Multiscale Methods for Accurate, Efficient, and Scale-Aware Models of the Earth System	Bill Collins	Davenport	Bill Collins
1200-1220	ASCR wrapup	Steven Lee	Laviolette	