

2019 HPCXXL Summer Meeting

DRAFT Schedule

Updated: 9/5/2019

Wednesday Sept 25th	
8:30-8:45	Registration
8:45-9:00	Room tbd
9:00-9:15	Welcome - Michael Stefan, President HPCXXL
9:15-9:30	Introduction
9:30-9:45	Allen Tran, IBM Program Director, Spectrum Computing R&D
9:45-10:00	Power HW Update
10:00-10:15	Steve Roberts, IBM
10:15-10:30	Break
10:30-10:45	
10:45-11:00	Power Hardware, Power & Thermal
11:00-11:15	Todd Rosedahl & Justin Thaler, IBM
11:15-11:30	
11:30-11:40	NVIDIA Update -- tbd (CUDA)
11:40-12:00	
12:00-12:15	
12:15-12:30	Lunch
12:30-12:45	
12:45-1:00	
1:00-1:15	NVIDIA Update -- tbd (PGI)
1:15-1:30	
1:30-1:45	Power Software Solutions Update
1:45-2:00	Fernando Pizzano, IBM
2:00-2:15	IBM Container Solutions
2:15-2:30	Thomas Gooding, IBM
2:30-2:45	Break
2:45-3:00	Spectrum MPI Update
3:00-3:15	Josh Hursey, IBM
3:15-3:30	AWE Site Update
3:30-3:45	
3:45-4:00	Break
4:00-4:15	
4:15-4:30	NERSC Lab Tours
4:30-4:45	
4:45-5:00	
5:00-5:15	
5:15-5:30	Free time
5:30-5:45	
5:45-6:00	
6:00-6:15	
6:15-6:30	
6:30-9:30	Dinner Offsite Gather Restaurant, 2200 Oxford St, Berkeley, CA 94704

Thursday Sep 26th	
8:30-8:45	HPCXXL Session Room, tbd
8:45-9:00	
9:00-9:15	Panel Discussion Convergence of HPC, AI, Cloud
9:15-9:30	
9:30-9:45	
9:45-10:00	
10:00-10:15	
10:00-10:15	Break
10:15-10:30	RedHat Update, tbd IBM
10:30-10:45	
10:45-11:00	Power 9 Best Practice AC922: One Memory, Million Threads. Unified Virtual Memory Addressing at Work in heterogeneous CPU-GPU systems; Performance and Use-cases Leopold Grinberg, IBM
11:00-11:15	
11:15-11:30	
11:30-11:40	
11:40-12:00	
12:00-12:15	Lunch
12:15-12:30	
12:30-12:45	
12:45-1:00	
1:00-1:15	Quantum Computing & Potential Applications Gilad Ben-Shach, IBM
1:15-1:30	
1:30-1:45	
1:45-2:00	
2:00-2:15	Mellanox Update Scot Schultz, Mellanox
2:15-2:30	
2:30-2:45	
2:45-3:00	STFC Site Update Colin Morey, STFC
3:00-3:15	
3:15-3:30	Break
3:30-3:45	
3:45-4:00	CSCS Site Update Dario Petrusic, CSCS
4:00-4:15	
4:15-4:30	JSM and PMIx Josh Hursey, IBM
4:30-4:45	
4:45-5:00	LSF Update Khalid Ahmed, IBM
5:00-5:15	
5:15-5:30	CAST Update Fernando Pizzano & Thomas Gooding, IBM
5:30-5:45	
5:45-6:00	
6:00-6:15	Wrap Up – tbd, UG