

# 2019 HPCXXL Summer Meeting Schedule

Updated: 9/24/2019

<b>Wednesday Sept 25th</b>	
8:30-8:45	<b>Registration</b>
8:45-9:00	<b>Building 66, Auditorium Room 317, Lawrence Berkeley National Lab</b>
9:00-9:15	<b>Welcome - Michael Jennings, Vice President HPCXXL</b>
9:15-9:30	<b>Introduction</b>
9:30-9:45	Allen Tran, IBM Director Spectrum Computing and HPC Development
9:45-10:00	<b>Power HW Update</b>
10:00-10:15	Steve Roberts, IBM
10:15-10:30	<b>Break</b>
10:30-10:45	
10:45-11:00	<b>Power Hardware, Power &amp; Thermal</b>
11:00-11:15	Todd Rosedahl & Justin Thaler, IBM
11:15-11:30	
11:30-11:40	<b>NVIDIA Update (CUDA)</b>
11:40-12:00	Luke Durant, NVIDIA
12:00-12:15	
12:15-12:30	<b>Lunch</b>
12:30-12:45	
12:45-1:00	
1:00-1:15	<b>NVIDIA Update (PGI)</b>
1:15-1:30	Doug Miles, NVIDIA
1:30-1:45	<b>Power Software Solutions Update</b>
1:45-2:00	Fernando Pizzano, IBM
2:00-2:15	<b>IBM Container Solutions</b>
2:15-2:30	Thomas Gooding, IBM
2:30-2:45	<b>Break</b>
2:45-3:00	
3:00-3:15	<b>Spectrum MPI Update</b>
3:15-3:30	Josh Hursey, IBM
3:30-3:45	<b>AWE Site Update</b>
3:45-4:00	Mark Roberts, AWE
4:00-4:15	<b>Break</b>
4:15-4:30	
4:30-4:45	<b>NERSC Lab Tours</b>
4:45-5:00	
5:00-5:15	
5:15-5:30	<b>Free time</b>
5:30-5:45	
5:45-6:00	
6:00-6:15	
6:15-6:30	
6:30-9:30	<b>Dinner Offsite</b> Gather Restaurant, 2200 Oxford St, Berkeley, CA 94704

<b>Thursday Sep 26th</b>	
8:30-8:45	<b>Registration</b> <b>Building 66, Auditorium Room 317, Lawrence Berkeley National Lab</b>
8:45-9:00	
9:00-9:15	<b>Panel Discussion</b> Convergence of HPC, AI, Cloud
9:15-9:30	
9:30-9:45	
9:45-10:00	
10:00-10:15	<b>Break</b>
10:15-10:30	
10:30-10:45	<b>Watson Machine Learning</b> Prachi Gupta, IBM
10:45-11:00	
11:00-11:15	<b>Power 9 Best Practice</b> AC922: One Memory, Million Threads. Unified Virtual Memory Addressing at Work in heterogeneous CPU-GPU systems; Performance and Use-cases Leopold Grinberg, IBM
11:15-11:30	
11:30-11:40	
11:40-12:00	
12:00-12:15	<b>Lunch</b>
12:15-12:30	
12:30-12:45	
12:45-1:00	
1:00-1:15	<b>Quantum Computing &amp; Potential Applications</b> Gilad Ben-Shach, IBM
1:15-1:30	
1:30-1:45	
1:45-2:00	
2:00-2:15	<b>Mellanox Update</b> Scot Schultz, Mellanox
2:15-2:30	
2:30-2:45	
2:45-3:00	<b>STFC Site Update</b> Colin Morey, STFC
3:00-3:15	
3:15-3:30	<b>Break</b>
3:30-3:45	
3:45-4:00	<b>CSCS Site Update</b> Dario Petrusic, CSCS
4:00-4:15	
4:15-4:30	<b>JSM and PMIx</b> Josh Hursey, IBM
4:30-4:45	
4:45-5:00	<b>LSF Update</b> Khalid Ahmed, IBM
5:00-5:15	
5:15-5:30	<b>CAST Update</b> Fernando Pizzano & Thomas Gooding, IBM
5:30-5:45	
5:45-6:00	
<b>Wrap Up -- Michael Jennings, Vice President HPCXXL</b>	