

2017 HCPXXL Summer Meeting with Spectrum Scale UG, Open Power workshop

New York, New York. Sept 25-29th 2017

Location for all events:
New York Adademy of Medicine, NY
(1216 5th Ave, New York, NY 10029)
Room 440

Systems Track Location: Room 440
Site Updates
Interactive/Round Tables
Spectrum Scale User Group Location: Room 440
Open Power Workshop Room 440

Sunday Sept 24th	
6:00 PM - 8:00 PM	Informal dinner for all attendees (optional, not included in registration cost). Meet in the hotel lobby.

Monday Sept 25th	
8:30-8:45	Registration
8:45-9:00	HPCXXL
9:00-9:15	Welcome - Michael Stefan, President HPCXXL
9:15-9:30	IBM Opening Remarks
9:30-9:45	Doris Conti, Spectrum Scale and HPC SW Development - IBM
9:45-10:00	Power Hardware Update
10:00-10:15	Piyush Chaudhary, Spectrum Scale - IBM
10:15-10:30	Break
10:30-10:45	
10:45-11:00	Burning Issues
11:00-11:15	Brian Yaeger, Technical Support - IBM
11:15-11:30	Mount Sinai School of Medicine
11:30-11:45	Francesca Tartaglione
11:45-12:00	Job Step Manager (JSM) Introduction
12:00-12:15	Austen Lauria, Spectrum MPI - IBM
12:15-12:30	Lunch
12:30-12:45	
12:45-1:00	
1:00-1:15	
1:15-1:30	Power Software Solutions Update
1:30-1:45	Fernando Pizzano, HPC Software Development
1:45-2:00	Burst Buffer Introduction
2:00-2:15	Bryan Rosenburg, IBM Research
2:15-2:30	Site Updte #2
2:30-2:45	Jim Rogers, Oak Ridge National Labs
2:45-3:00	xCat Presentation
3:00-3:15	Victor Hu, HPC Software Development - IBM
3:15-3:30	Break
3:30-3:45	
3:45-4:00	MPI updates
4:00-4:15	Josh Hursey, Spectrum MPI - IBM
4:15-4:30	CSM Introduction
4:30-4:45	Fernando Pizzano, HPC Software Development
4:45-5:00	Site Update #3
5:00-5:15	tbd
5:15-5:30	

Tuesday Sept 26th	
8:30-8:45	Registration HPCXXL Session
8:45-9:00	
9:00-9:15	Containers Demo, IU Abhinav Thota and Jenett Tillotson, Indiana University
9:15-9:30	
9:30-9:45	
9:45-10:00	
10:00-10:15	Break
10:15-10:30	
10:30-10:45	Containers Demo, Part II Abhinav Thota and Jenett Tillotson, Indiana University
10:45-11:00	
11:00-11:15	
11:15-11:30	
11:30-11:40	
11:40-12:00	Lunch
12:00-12:15	
12:15-12:30	
12:30-12:45	
12:45-1:00	
1:00-1:15	Service/Burning Issues Update Brian Yaeger, Technical Support - IBM
1:15-1:30	
1:30-1:45	
1:45-2:00	IBM Research/Containers Bruce D'Amora/Alessandro Morari - IBM Research
2:00-2:15	
2:15-2:30	LSF Updates, including Containers Xun Pan, Spectrum Scale LSF - IBM
2:30-2:45	
2:45-3:00	Break
3:00-3:15	
3:15-3:30	Site Update #4 Michael Jennings
3:30-3:45	
3:45-4:00	IBM Research/Containers #2 Bruce D'Amora/Alessandro Morari - IBM Research
4:00-4:15	
4:15-4:30	Open Discussion/Containers
4:30-4:45	
4:45-5:00	
5:00-5:15	Social Event: 230 Fifth Rooftop Bar (www.230-fifth.com)
5:15-5:30	
5:30-5:45	
5:45-6:00	
6:00-6:30	
6:30-9:30	

Wednesday Sept 27th (Room 440)	
8:30-8:45	Registration
8:45-9:00	Open Power Workshop
9:00-9:15	Introduction, (Ganesan Narayanasamy, IBM)
9:15-9:30	nVidia Features update
9:30-9:45	TBD
9:45-10:00	
10:00-10:15	Mellanox Features update
10:15-10:30	Gerald Lotto, Mellanox
10:30-10:45	
10:45-11:00	Break
11:00-11:15	OpenCAPI IBM and Nallatech
11:15-11:30	Brian Allison (IBM) and Allan Cattle (Molex)
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	Cloud Tools and Libraries for Exploiting Heterogeneous
1:15-1:30	Congative Computing System
1:30-1:45	JinJun Xiong (IBM)
1:45-2:00	Deep Learning experience using POWERAI
2:00-2:15	Chekuri Choudary (IBM)
2:15-2:30	
2:30-2:45	
2:45-3:00	Neural Network Development (lab)
3:00-3:15	
3:15-3:30	
3:30-3:45	Break
3:45-4:00	Neural Network Development (lab)
4:00-4:15	
4:15-4:30	
4:30-4:45	Experience with OpenPower [Vimal Kathiresan (Anna University - India)]
4:45-5:00	Q&A, Next Steps
5:00-5:15	Ganesan NNarayanasamy, IBM
5:15-5:30	
5:30-5:45	
5:45-6:00	

Thursday Sept 28th (Room 440)	
8:30-8:45	Registration
8:45-9:00	Spectrum Scale User Group
9:00-9:15	Opening and Welcome
9:15-9:30	Spectrum Scale and ESS Updates
9:30-9:45	Lyle Gayne, Scalable IO Development - IBM
9:45-10:00	
10:00-10:15	New features - New Bugs ⁺
10:15-10:30	Panel
10:30-10:45	---- Break ----
10:45-11:00	File system corruptions and best practices
11:00-11:15	Karthik Iyer - Spectrum Scale, IBM
11:15-11:30	
11:30-11:45	
11:45-12:00	---- Lunch ----
12:00-12:15	
12:15-12:30	
12:30-12:45	
12:45-1:00	GPFS + Openstack (CSCS)
1:00-1:15	
1:15-1:30	Cloud Enablement
1:30-1:45	John Lewars, IBM
1:45-2:00	CORAL updates and general performance enhancements
2:00-2:15	Lyle Gayne, IBM
2:15-2:30	ORNL Update on Spider3-related GPFS work
2:30-2:45	Dustin Leverman
2:45-3:00	---- Break ----
3:00-3:15	
3:15-3:30	ANL Site Update
3:30-3:45	Customer
3:45-4:00	The dilemma of file system blocksize
4:00-4:15	TBD
4:15-4:30	Encryption and Security
4:30-4:45	Felipe Knop, IBM
4:45-5:00	
5:00-5:15	
5:15-5:30	Closing & Wrapup
5:30-5:45	
5:45-6:00	
6:00-6:15	

Friday Sept 29th	
8:30-8:45	HPCXXL
8:45-9:00	
9:00-9:15	HPCXXL Business Meeting
9:15-9:30	
9:30-9:45	
9:45-10:00	
10:00-10:15	
10:15-10:30	
10:30-10:45	Break
10:45-11:00	HPCXXL Business Meeting
11:00-11:15	
11:15-11:30	
11:30-11:45	
11:45-12:00	
12:00-12:15	Lunch
12:15-12:30	