Accelerated Data and Computing (ADAC) 9th Workshop
Hosted by the Swiss National Supercomputing Centre (ETH Zurich)
St. Moritz, Switzerland
March 16-17, 2020

–AGENDA–

Monday, March 16, 8:30am – 5:30pm

TIME	DESCRIPTION	PRESENTER
8:00 AM	**Registration**	
8:30 AM	**Welcome & Introductions**	Thomas Schulthess, ETH Zurich / CSCS
8:40 AM	**Plenary Speaker**	

	Applications	Session Chair:
9:30 AM	HPC and Data Analysis Interaction & Convergence at CEA	Christophe Calvin and France Boillod-Cerneux (CEA)
10:00 AM	Convergence of AI/Big Data and HPC Towards Fugaku	Kento Sato (RIKEN)
10:30 AM	Break	
11:00 AM	The AiiDA Ecosystem for Materials Modelling - Managing Workflows on HPC Systems from the Cloud	Leopold Talirz (EPFL)
11:30 AM	ParaDL: An Oracle for Guiding Large-Scale Training of Deep Neural Networks	Mohamed Wahib (RIKEN)
12:00 PM	Working Lunch	
	Resource Management for HPC and AI	Session Chair: Barney Maccabe, ORNL
1:00 PM	Data and Storage Services and Metrics	Allan Williams (NCI)
1:30 PM	Lessons Learned and Outlook Running JupyterHub Service	Tim Robinson (ETH Zurich / CSCS) and Bill Sparks (HPE)
2:00 PM	Operational Metrics for Supercomputing and Companion System	Robin Goldstone and Trent D'Hooge (LLNL)
2:30 PM	Dynamic Provisioning of Storage Resources	François Tessier (ETH Zurich / CSCS)
3:00 PM	Break	
	Programming Environment Outlook for Multi-Accelerator Future	Session Chair: Sadaf Alam, ETH Zurich / CSCS
3:30 PM	DAPP: Data-Centric Parallel Programming Framework	Torsten Hoefler, ETH-Zurich
4:00 PM	Tsukuba's Accelerated Computing with GPU+FPGA	Taisuke Boku, Tsukuba
4:30 PM	Multi-Level Intermediate Representation	TBD, Google
5:00 PM	Talk 4	
5:30 PM	Break	
6:30 PM	**Working Dinner –** *Meet in Hotel Laudinella lobby for transportation to restaurant*	

Commented [tr1]: Or should it be Framework? FYI – Torsten is not a CSCS employee.

Tuesday, March 17, 8:30am – 5:00pm

TIME	DESCRIPTION	PRESENTER
8:30 AM	**Day 2 Welcome and Logistics**	Thomas Schulthess, ETH Zurich / CSCS
8:40 AM	**Review of activities accomplished since ADAC8** • Applications • Performance Tools • Applications Management • Governance	
9:10 AM	**Charge to Breakout Groups**	Rio Yokota, Tokyo Tech Barney Maccabe, ORNL Thomas Schulthess, ETH Zurich / CSCS
9:15 AM	**Breakout Groups** • Applications • Emerging Technologies • Applications Management • Governance	
12:00 PM	**Working Lunch**	
1:00 PM	**Breakout Groups continue**	
3:00 PM	**Plenary – Report Out from Working Groups**	
	• **Applications**	
	• **Emerging Technologies**	
	• **Resource Management**	
	• **Governance**	
4:30 PM	**Wrap Up and Next Steps**	Rio Yokota, Tokyo Tech Barney Maccabe, ORNL Thomas Schulthess, ETH Zurich / CSCS
5:00 PM	**Adjourn**	