

Centre for High Performance Computing 2019 National Conference

Monday 02 December 2019

HPC Technology: Storage and IO 1 (11:00-12:30)

-Conveners: Jay Lofstead

time	[id] title	presenter
11:00	[12] High Performance Data Access: the Hermes approach	Prof. SUN, Xian-He
11:30	[71] MeerKAT archive and data access	SLABBER, Martin
12:00	[177] Updating the Outdated Storage Paradigm to Handle Complex Computational Workloads	BUNGAY, Craig

HPC Technology: Storage and IO 2 (13:30-15:00)

-Conveners: Jay Lofstead

time	[id] title	presenter
13:30	[14] Designing Reusable Composable Components for the (HPC) I/O Stack	Prof. BUTT, Ali
14:00	[62] PETSc: High-Performance Software Library for Engineering and Science Simulation	Prof. ZHANG, Hong
14:30	[158] NEXTGenIO: exploring the potential of non-volatile memory in HPC	HOMAN, David

Tuesday 03 December 2019

HPC Technology (11:00-12:30)

-Conveners: Chair: Weronika Filingier

time	[id] title	presenter
11:00	[79] Parallel and Distributed Search Algorithms	INGGS, Cornelia
11:30	[152] ML approaches for HPC	BRAAM, Peter
12:00	[172] Evaluating the Compressibility of Elevation Data using Space-Filling Curves	Mr HAUPT, Conrad

HPC Technology (13:30-15:00)

Wednesday 04 December 2019

HPC Technology (13:30-15:00)