

Lattice 2024

Tuesday, 30 July 2024

Software development and machines: TR7 (13:45 - 15:45)

-Conveners: Anthony Kennedy

time	[id] title	presenter
13:45	[150] Lattice QCD on the NVIDIA Grace-Hopper architecture	WAGNER, Mathias
14:05	[337] Implementing automatic testing of Lattice QCD Software on Supercomputing Clusters	BÜRGER, Simon
14:25	[402] O(a)-improved QCD+QED Wilson Dirac operator on GPUs	GRUBER, Roman
14:45	[440] A Julia Code for Lattice QCD on GPUs	PÉREZ PANADERO, Fernando
15:05	[463] Rearchitecting QUDA for Multi-RHS Computation	Dr CLARK, Kate
15:25	[465] openQCD on GPU	Prof. RAGO, Antonio

Software development and machines: TR7 (16:15 - 17:15)

-Conveners: Kate Clark

time	[id] title	presenter
16:15	[3] Autotuning multigrid parameters in the HMC on different architectures	KOSTRZEWA, Bartosz
16:35	[350] Multigrid Multilevel Monte Carlo for Efficient Trace Estimation in Lattice QCD Simulations	JIMENEZ-MERCHAN, Jose
16:55	[472] Deflation and polynomial preconditioning in the application of the overlap operator at nonzero chemical potential	RAMIREZ-HIDALGO, Gustavo