

Advanced HPC Workshop

Wednesday, 23 November 2022

GPU Programming and Profiling (09:00 - 13:00)

-Conveners: Sebastian Ohlmann

time	[id] title	presenter
09:00	[9] GPU guidelines for porting and overview over programming models	Dr DANNERT, Tilman
09:50	[10] Performance Portability Frameworks (Part I)	FARZALIPOUR TABRIZ, Meisam EIBL, Sebastian
10:35	Break	
11:00	[11] Performance Portability Frameworks (Part II), Kokkos	FARZALIPOUR TABRIZ, Meisam EIBL, Sebastian
11:50	[12] NVIDIA HPC SDK with special focus on libraries	WETZSTEIN, Markus

GPU Programming and Profiling (14:00 - 16:15)

-Conveners: Klaus Reuter

time	[id] title	presenter
14:00	[13] NVIDIA Profiling Tools (Nsight Compute and Nsight Systems)	HRYWNIAK, Markus
15:00	Break	
15:30	[14] Multi GPU Programming	KRAUS, Jiri