Hybrid Programming in HPC – MPI+X

Thursday, February 12, 2026

Day3: MPI Memory Models and Synchronization - **Room 0.439 / Rühle Saal (8:45 AM - 4:30 PM)**

time	[id] title	presenter
8:45 AM	[19] Programming Models (continued)	
9:05 AM	[20] MPI + MPI-3.0 Shared Memory	
10:00 AM	Coffee Break	
10:15 AM	[21] MPI Memory Models and Synchronization	
11:00 AM	Coffee Break	
11:15 AM	[22] Optimized node to node communication	
11:35 AM	[23] Recap - MPI Virtual Topologies	
12:05 PM	Lunch	
1:35 PM	[24] Topology Optimization	
2:15 PM	[25] Conclusions	
2:30 PM	Coffee Break	
2:45 PM	[26] Practical (replicated data)	
4:00 PM	[27] Q&A	