

Hybrid Programming in HPC – MPI+X

Wednesday, February 11, 2026

Day2: Overlapping Communication and Computation - Room 0.439 / Rühle Saal (8:45 AM - 4:30 PM)

time	[id] title	presenter
8:45 AM	[28] MPI + OpenMP	
9:00 AM	[29] Case study: Simple 2D stencil smoother	
9:30 AM	[30] Practical (hybrid through OpenMP parallelization)	
10:45 AM	Coffee Break	
11:00 AM	[31] Overlapping Communication and Computation	
11:30 AM	[32] Practical (taskloops)	
12:15 PM	[14] MPI + OpenMP Conclusions	
12:30 PM	Lunch	
2:00 PM	[15] MPI + Accelerators	
3:00 PM	Coffee Break	
3:15 PM	[16] MPI + Accelerators	
4:15 PM	[17] Q&A	