

[HYBRID] Hybrid Programming in HPC – MPI+X

Wednesday 11 February 2026

Day2: Overlapping Communication and Computation - Room 0.439 / Rühle Saal (08:45 - 16:30)

| time | [id] title | presenter |
|-------|--|-----------|
| 08:45 | [28] MPI + OpenMP | |
| 09:00 | [29] Case study: Simple 2D stencil smoother | |
| 09:30 | [30] Practical (hybrid through OpenMP parallelization) | |
| 10:45 | Coffee Break | |
| 11:00 | [31] Overlapping Communication and Computation | |
| 11:30 | [32] Practical (taskloops) | |
| 12:15 | [14] MPI + OpenMP Conclusions | |
| 12:30 | Lunch | |
| 14:00 | [15] MPI + Accelerators | |
| 15:00 | Coffee Break | |
| 15:15 | [16] MPI + Accelerators | |
| 16:15 | [17] Q&A | |