

Session Program

10-12 Feb 2026

[HYBRID] Hybrid Programming in HPC - MPI+X

Day3

HLRS, University of Stuttgart, Room 0.439 / Rühle Saal
Nobelstraße 19 70569 Stuttgart, Germany

Thursday 12 February

08:45

Day3: MPI Memory Models and Synchronization

Session |**Location:** HLRS, University of Stuttgart, Room 0.439 / Rühle Saal, Nobelstraße 19 70569 Stuttgart, Germany08:45-09:05 **Programming Models (continued)**09:05-10:00 **MPI + MPI-3.0 Shared Memory**10:00-10:15 **Coffee Break**10:15-11:00 **MPI Memory Models and Synchronization**11:00-11:15 **Coffee Break**11:15-11:35 **Optimized node to node communication**11:35-12:05 **Recap - MPI Virtual Topologies**12:05-13:35 **Lunch**13:35-14:15 **Topology Optimization**14:15-14:30 **Conclusions**14:30-14:45 **Coffee Break**14:45-16:00 **Practical (replicated data)**16:00-16:30 **Q&A**

16:30