

PRACE Summer of HPC 2016

Tuesday, July 5, 2016

Ideas and Basics of Parallel Computing MPI: Introduction (9:00 AM - 7:00 PM)

-Conveners: Jochen Kreutz

time	[id] title	presenter
9:00 AM	[M] Introduction to parallel architectures, algorithms design and performance parameters	
9:45 AM	[M] Introduction to the MPI programming model	
10:30 AM	Coffee break (wear your badge)	
11:00 AM	[M] MPI (Non-)Blocking P2P communication	
12:30 PM	Lunch	
1:30 PM	[M] MPI: Blocking collective communication	
4:00 PM	Coffee break	
4:30 PM	[M] MPI: Outlook (derived data types, communicators and groups, MPI I/O)	