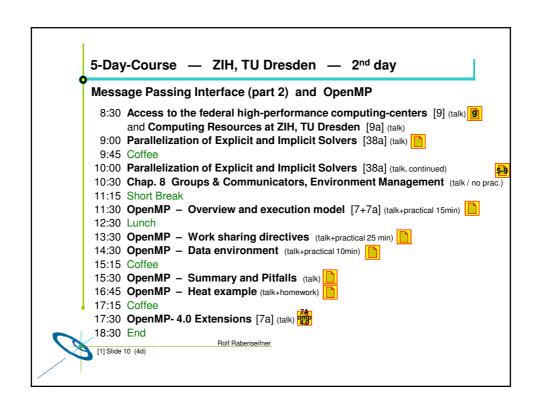
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5-Day-Course — ZIH, TU Dresden — 1st day
Message Passing Interface (part 1)
 8:30 Registration
 9:00 Introduction [1] (talk)
 9:15 Parallel Architectures and Programming Models [2] (talk)
10:15 Coffee
10:30 MPI - Introduction to the Message Passing Interface [3+3a] (talk)
10:45 Chap. 1 MPI Overview (talk)
11:15 Chap. 2 MPI Process model (talk+practical)
12:30 Lunch
13:30 Chap. 3 Messages and Point-to-Point Communication (talk+practical)
15:00 Coffee
15:15 Chap. 4 Non-Blocking Communication (talk+practical)
16:30 Coffee
16:45 Chap. 6 Collective Communication (talk+practical)
17:45 Chap. 7 Error handling (talk)
18:00 Chap. 5 The new Fortran module mpi_f08 (talk - only for Fortran participants)
18:30 End
 Introduction
[1] Slide 9 (4days)
                         Rolf Rabenseifner
 19:00 Luther-Denkmal vor Frauenkirche (Neumarkt) - kleine Führung durch die Altstadt
 20:30 Augustinern an der Frauenkirche (auf "Schmidt" reserviert)
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5-Day-Course — ZIH, TU Dresden — 3rd day
Message Passing Interface (part 3)
 8:30 Chap. 9-(1) Virtual Topologies [3, continued] (talk+practical)
 9:30 Chap. 9-(2) Neighborhood Collective Communication (talk / no practical)
 9:45 Coffee
10:00 Chap. 10 One-sided Communication (talk+practical 35min)
11:15 Coffee
11:30 Chap. 11-(1) Shared memory one-sided communication (talk+practical)
12:30 Lunch
13:30 Chap. 11-(2) Memory models and synchronization rules (talk / no practical)
14:15 Coffee
14:30 Chap. 12 Derived Datatypes - Part 1 (talk+practical)
15:45 Coffee
16:00 Chap. 12 Derived Datatypes - Part 2 - Resizing, long counts... (talk / no prac.)
16:30 Chap. 14 MPI and Threads (talk)
16:40 Chap. 15 Probe, Persistent Requests, Cancel (talk)
16:50 Chap. 16 Process Creation and Management (talk)
17:00 Coffee
17:15 Chap. 13, Block 1 Parallel file I/O (basics) [3, 11] (talk+practical 10min)
 18:15 End
                         Rolf Rabenseifner
 Introduction
[1] Slide 11 (4d)
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