

Programming OpenMP

Christian Terboven

RWTHAACHEN
UNIVERSITY



Agenda (in total 4 parts)

- Part 1: OpenMP Introduction
- Part 2: Tasking
- Part 3: Optimization for NUMA and SIMD
 - OpenMP and NUMA architectures
 - Task Affinity (will be presented tomorrow afternoon)
 - SIMD (will be presented tomorrow morning)
 - MPI and multi-threading
 - Overview: Exercises

- Part 4: Introduction to Offloading with OpenMP



tinyurl.com/2021-ppces-openmp