

# Programming OpenMP

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# Agenda (in total 4 parts)

## ■ Part 1: OpenMP Introduction

## ■ Part 2: Tasking

→ Tasking Motivation

→ Task Model in OpenMP

→ Scoping

→ Taskloop (will be presented tomorrow afternoon)

→ Dependencies (will be presented tomorrow afternoon)

→ Cut-off strategies

→ Overview: Exercises



[tinyurl.com/2021-ppces-openmp](https://tinyurl.com/2021-ppces-openmp)

## ■ Part 3: Optimization for NUMA and SIMD

## ■ Part 4: Introduction to Offloading with OpenMP