

Introduction to Parallel Computing with MPI and OpenMP

CINECA - Via Raffaello Sanzio, 4 - 20090 Segrate (MI)

22-24 Novembre 2017

AGENDA

22 Novembre (*docente Paride Dagna*)

- Parallel architectures and production environment
- OpenMP - Basics with exercises
- More on OpenMP with exercises

23 Novembre (*docente Alessandro Marani*)

- Introduction to parallel computing
- MPI basics with exercises
- MPI – More on point to point communications with exercises

24 Novembre (*docente Alessandro Marani*)

- Using MPI with OpenMP
- MPI – Derived data types with exercises
- MPI – Communicators and Topologies with exercises