# Introduction to Parallel Computing with MPI and OpenMP

## CINECA - Milan site - Via Raffaello Sanzio, 4 - 20090 Segrate

## 11-13 November 2019

**Teachers: M.Cremonesi, P.Dagna, P.Ramieri**

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Monday, 11 November 2019

  9.30 – 11.00 – Introduction to parallel computing (P.Dagna)
11.15 – 13.00 –  OpenMP - Basics with exercises (P.Dagna)
14.00 – 17.00 – More on OpenMP with exercises (P.Dagna)


Tuesday, 12 November 2019

  9.30 – 10.00 – HPC at CINECA (P.Ramieri)
10.00 – 13.00 – MPI basics with exercises (P.Ramieri)
14.00 – 17.00 – MPI – More on point to point communications with exercises (P.Ramieri)


Wednesday, 13 November 2019

  9.30 – 13.00 – MPI – Derived data types with exercises (M.Cremonesi)
14.00 – 17.00 – MPI – Communicators and Topologies with exercises (M.Cremonesi)