

# Introduction to Parallel Computing with MPI and OpenMP

CINECA - Milan Operational Site - Via Raffaello Sanzio, 4 - 20090 Segrate

11-13 May 2015

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

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Monday, 11 May 2015

- 9.30 - 10.30 – Introduction to parallel computing (P.Ramieri)
- 11.15 – 13.00 – MPI basics with exercises (P.Ramieri)
- 14.00 - 17.00 – MPI – More on point to point communications with exercises (P.Ramieri)

Tuesday, 12 May 2015

- 9.30 - 11.00 – Parallel programming (P.Dagna)
- 11.15 – 13.00 – OpenMP - Basics with exercises (P.Dagna)
- 14.00 - 17.00 – More on OpenMP with exercises (P.Dagna)

Wednesday, 13 May 2015

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