

Introduction to Parallel Computing with MPI and OpenMP

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

12-14 November 2018

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

Monday, 12 November 2018

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, 13 November 2018

9.30 – 11.00 – HPC at CINECA (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)

Wednesday, 14 November 2018

9.30 – 11.00 – Using MPI with OpenMP (M.Cremonesi)
11.15 – 13.00 – MPI – Derived data types with exercises (M.Cremonesi)
14.00 – 17.00 – MPI – Communicators and Topologies with exercises (M.Cremonesi)