

Heterogeneous Programming on GPUs with MPI + OmpSs @ BSC

Wednesday 04 March 2020 - Thursday 05 March 2020

BSC, Barcelona UPC, Campus Nord

Agenda

Day 1 (March 4) 9.30 am – 17:30pm

Session 1 / 9:30am – 1:00 pm (1h lectures, 2 h practical)

09.30h –11.15h Introduction to OmpSs

11.15h –11.30h Coffee break

11.30h –13.00h OmpSs single node programming hands-on

13.00h –14.00h Lunch Break

Session 2 / 2:00pm – 5:30 pm (1 h lectures, 2 h practical)

14.00h – 15.00h More on OmpSs: GPU/CUDA programming

15.30h – 15.45h Coffee break

15.45h – 17:30h OmpSs single node programming hands-on with GPUs

Day 2 (March 5) 9.30am – 17:30pm

Session 1 / 9:30am – 1:00 pm (1h lectures, 2 h practical)

09.30h – 10.00h Introduction to MPI/OmpSs

10.00h – 13.00h MPI/OmpSs hands-on

11:15h – 11.30h Coffee break

13.00h –14:00h Lunch Break

Session 2 / 2:00pm – 5:30 pm (3 h practical)

14.00h – 15:30h Parallelization support with Parallware

15.30h – 15.45h Coffee break

15.45h – 17:30h Free hands-on session

END of COURSE