

[HYBRID] Introduction to OpenACC

Thursday, April 20, 2023 - Thursday, April 20, 2023

UPC Campus Nord, Barcelona

Scientific Program

Thursday April 20th, 2023

9:15 - 10:00 Introduction to OpenACC on x86 CPU and GPU (Antonio J. Peña)

10:00 - 11:00 Hands-on: Introduction (Marc Jordà)

11:00 - 11:30 Break

11:30 - 12:30 Profiling and Parallelizing with the OpenACC Toolkit (Leonidas Kosmidis)

12:30 - 13:30 Hands-on: Profiling and Parallelizing (Marc Jordà)

13:30 - 14:30 Lunch break

14:30 - 15:30 Expressing Data Locality and Optimizations with OpenACC (Marc Jordà)

15:30 - 16:30 Hands-on: Data Locality and Optimizations (Marc Jordà)

16:30 - 17:00 Break

17:00 - 18:00 Advanced OpenACC Techniques: Interoperability, MPI, and Pipelining (Antonio J. Peña)

18:00 - 19:00 Hands-on: Advanced Techniques

End of Course