DAY 1

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

9:00 - 10:00 Introduction to OpenACC on x86 CPU and GPU
10:00 - 11:00 Hands-on: Introduction
11:00 - 11:30 Break
11:30 - 12:30 Profiling and Parallelizing with the OpenACC Toolkit
12:30 - 13:30 Hands-on: Profiling and Parallelizing
13:30 - 15:00 Lunch break

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

15:00 - 17:00 Hands-on: Open Labs

DAY 2

Session 3 / 9:00am – 1:00 pm (2h lectures, 2 h practical)

9:00 - 10:00 Expressing Data Locality and Optimizations with OpenACC
10:00 - 11:00 Hands-on: Data Locality and Optimizations
11:00 - 11:30 Break
11:30 - 12:30 Advanced OpenACC Techniques: Interoperability, MPI, and Pipelining
12:30 - 13:30 Hands-on: Advanced Techniques
13:30 - 15:00 Lunch break

Session 4 / 2:00pm – 5:00 pm (2 h practical)

15:00 - 17:00 Hands-on: Open Labs

End of Course

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