

HPC Training Series - Course 22 "HPC Fundamentals, Slurm, Open OnDemand & XDMoD"

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HPC at the Aristotle University of Thessaloniki

Monday, 13 July 2026 12:50 (15 minutes)

This opening session welcomes participants to the HPC training program and sets the stage for the sessions that follow. We outline the structure and goals of the program, introduce the topics covered across the individual talks and tutorials, and provide guidance on how to get the most out of the training. Participants get a brief overview of what High Performance Computing is, why it matters for modern research and industry, and what skills they will develop by the end of the program. We also introduce the Aristotle HPC cluster at AUTH serving more than 12 research departments and supporting over 100 scientific publications since 2018, as the primary platform on which the hands-on exercises will be carried out. The training overall requires no prior HPC experience and is suitable for all participants regardless of background.

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