

# Introduction to new accelerated partition of Marconi, for users and developers

## AGENDA

10:00 - 10:15 Introduction to M100: the most recent member of the Marconi family. How to request a budget, the on line documentation, the support, the access mode and available storage spaces (S.Giuliani)

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10:15 - 11:00 The main hardware characteristics (F.Cola)

11:00 - 11:30 Break

11:30 - 12:30 Programming environment: the main compilers and libraries available under base and advanced profiles to install your own code and the main compiler options specific for an accelerated system (D.Molinari)

14:15 - 15:00 Production environment: the main applications available on M100 under domain profiles and the execution phase with the request of cpu/gpu resources, loading of modules, scheduling of jobs, consumption of budget (A. Marani)

15:00 - 15:30 Break

15:30-15:45 Inter and intra node performances (A. Marani)

15:45 - 16:30 Molecular Dynamics on the M100 (A. Emerson)