

# Discovering the Paris-Saclay Mesocenter and GENCI National Supercomputers

*jeudi 9 avril 2026 09:00 (3h 30m)*

This course is intended for students who wish a practical initiation on the use of the Ruche supercomputer. We will cover the steps to access the Ruche supercomputer (<https://mesocentre.universite-paris-saclay.fr/>) and explain how to efficiently utilize its resources. An introductory section will also be dedicated to a detailed presentation of the “module” environment and the SLURM batch manager (<https://slurm.schedmd.com/>), essential for optimal use of the supercomputer. Additionally, an informative section will focus on the procedures for requesting resources on the various national machines provided by GENCI (<https://www.genci.fr/services/moyens-de-calcu>), and the main characteristics of these machines will also be presented.

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