

Usage Policy

MeSU computing platform is open to all Sorbonne-Université faculty and graduate students for research and instructional purposes and all faculty-sponsored researchers. The following policies are intended to guarantee that the platform remains widely available to anyone needing to use it for research or educational purposes. In addition to these specific policies, you must also agree to abide by all Sorbonne-Université IT policies.

MeSU Acknowledgements

All MeSU users are asked to (and should) cite or acknowledge use of the MeSU platform services in any grants or publications (research reports, journals, posters or presentations) resulting from work performed, at least in part, on the platform.

We suggest the addition of a citation in the acknowledgment section similar to the following :

« *This work was granted access to the HPC resources of the MeSU platform at Sorbonne-Université.* » or
« *The simulations were performed on the MeSU platform at Sorbonne-Université.* »

We remind all faculty users/research groups that access to MeSU platform can be requested as part of any research grant application. Assistance and material are available upon request ; you may contact us at mesu@sorbonne-universite.fr for custom grant text, letters of support, and/or example citations and acknowledgments as needed.

Login and compute nodes process limit policy

Once a user has been granted a computing account, he/she is eligible to run jobs on the computing platform.

Every job submitted on the platform requires an estimate of the wall time needed for completion. This wall time information will be used for scheduling so that resources occupancy is optimized.

A few usage policies must be observed :

- The login nodes (front-end server nodes mesu.dsi.upmc.fr) are only for compiling codes and submitting jobs. Any larger or longer-running processes for these tasks will be automatically killed.
- Interactive tasks should be carried out using interactive sessions on the compute or graphical nodes.
- The compute nodes are for running jobs only, and access to these nodes will be restricted jobs submitted through the queuing system.

Queues and resources limit policy

MeSU computing platform uses a prioritization system for scheduling jobs in order to ensure that all users are given a reasonably equal and fair share of the resources available.

Please contact us at mesu@sorbonne-universite.fr if you have any specific needs which are not covered by the current configuration of the system.

Disk usage and backups policy

Each user will have access to a home directory and a scratch (work intensive) directory.

These directories are NOT backed up.

Running jobs should write to the scratch space (/scratchalpha or /scratchbeta according to the computing resource used) and not to a user's home directory nor /tmp on the compute nodes.

The home directory and scratch directories do not constitute a data archiving solution.

The home directory is subject to a disk quota of 30 GB for all users. When the home directory disk quota of a user is exceeded, it is its responsibility to free space in order to prevent any execution error of its jobs.

The scratch space is not for long-term storage. Data files stored in the scratch directory are subject to automated deletion 3 months after their last access, modification or creation.

System maintenance

Users will be given at least one week's notice for system maintenance operation, unless an emergency maintenance is required. It is not anticipated that the system will be taken down more frequently than once per semester, except for emergencies. It is a good practice to ensure that running jobs write restart files in order to minimize the loss when running jobs are affected by such downtime.

Policy violations

If it has been determined that you have violated any of the policies applicable to MeSU platform, your account will be deactivated immediately. Your account will not be reactivated until MeSU management team receives a formal request.

Information on personal data management

The information gathered from the account creation/renewal form are gathered in a database by MeSU administration team in order to manage user accounts. Data are kept for five years.

You can access your personal data, modify them and request their deletion by contacting MeSU administration team : mesu@sorbonne-universite.fr.

To use these rights or for any question related to the management of your personal data, you may contact MeSU administration team : mesu@sorbonne-universite.fr or Sorbonne-Université Data Protection Officer : dpd@sorbonne-universite.fr.

If you estimate, after contacting MeSU administration team, that your « Informatique et Libertés » rights have not been respected, you may open a case to the CNIL.

Please consult the website cnil.fr for more information on your rights.