GCS large scale project on SuperMUC-NG

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Features

- For projects that need >35 mio. core hours
- Projects need to be able to consume the compute budget within 12 months
- Cut-off call: Applications can be submitted twice per year
- Technical and scientific review process. Access to the system typically within 6-8 weeks

If you haven’t used SuperMUC-NG (or its predecessor SuperMUC) before, we strongly recommend that you apply for a GCS test project first. There, you get quick access to the system to compile and test your code, and perform scaling tests to produce scaling curves that are necessary for your application for a GCS large scale project on SuperMUC-NG.

GCS large scale projects need a well defined, tight work plan in order to consume the allocated compute hours within one year.

Current call for GCS large scale projects

Calls for GCS large scale projects are published by GCS, the Gauss Centre for Supercomputing, twice a year (cut-off call), and are usually open at the end of winter and at the end of summer of each year. They are published on the GCS and LRZ websites. All users of SuperMUC and SuperMUC-NG will be notified by email.

The next call for GCS large-scale computing time proposals on SuperMUC-NG, JUWELS and Hazel Hen/Hawk will cover the period November 1, 2019 to October 31, 2020.

The call will open on 8 July 2019 and close on 5 August 2019, 17:00 CEST.

For details, see https://www.gauss-centre.eu/for-users/hpc-access.

Recent calls for GCS large scale projects

- 21st GCS large scale call: 14 January 2019 until 11 February 2019, 17:00 CET
- 20th GCS large scale call: 9 July 2018 until 13 August 2018, 17:00 CEST

Application process

The image shows the process of applying for a GCS large scale project on SuperMUC-NG. All applications for projects on SuperMUC are managed through the GCS-JARDS tool, hosted by GCS, the Gauss Centre for Supercomputing.

After finalizing your application within the GCS-JARDS website, you will be asked to print out and sign the “Principal Investigator’s Agreement for Access to HPC resources”. Scan the signed document and email it to HPC-Benutzerwaltung@lrz.de.

Once your project is approved, your SuperMUC-NG project will be created by LRZ. GCS-JARDS is used to manage the review process, collect status reports, final reports, dissemination material, and to manage project extensions.
Template files

Please follow the instructions in the application template file, available as PDF, DOCX, and TeX (.tar archive).

For details and templates for status reports, final reports, and dissemination material, see the Reporting obligations on SuperMUC-NG.

Upload your application

Log in to GCS-JARDS to fill in the application form and upload the required files (GCS-JARDS is hosted by GCS, the Gauss Centre for Supercomputing).

Please make sure that your application is complete before you submit. Finally, please sign the application form and send it, preferably by e-mail, or by regular mail, to the GCS Coordination Office for the Allocation of Computing Time (address see below).

Address of the GCS-Coordination Office

GCS-Coordination Office
Jülich Supercomputing Centre
Forschungszentrum Jülich
52425 Jülich
Germany

E-mail: coordination-office@gauss-centre.eu