

Fact sheet on applications for GCS/NIC computing time projects on the JUQUEEN successor

1. Prospective users can apply for computing time twice a year at defined periods of time. The dates for the next call can be found on the [GCS webpage](#).
2. Eligible are scientists employed at universities or research facilities in Germany. Here, the nationality of the applicant ("Principle investigator, PI") does not play a role. Applicants from Europe but outside of Germany are advised of the possibility to apply at [PRACE](#). The PI of a project must have a proven scientific record (preferable a PhD or comparable degree) and must be able to successfully accomplish the proposed tasks.
3. Projects which will expire in the ending allocation period can be extended in the upcoming allocation period. On-going projects *cannot be extended* in the upcoming call.
4. Applications are accepted *online only*. Applications via email *will not be accepted*. The call deadlines are strict deadlines, requests for applying after the call deadline *will be rejected*.
5. Available resources on the JUQUEEN successor:

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| JUQUEEN successor (~2500 nodes, dual-socket Skylake Platinum 8168 (24C, 2.7 GHz) with at least 96 GB of memory per node. ~2 % of the are equipped with 4 additional Volta GPUs) | |
| Avail. core-h/call | Approx. 275 million. Approx. 7 million on nodes with GPUs. |
| Remarks | Between 5 and less than 35 million core-h can be requested per proposal. For larger proposals please apply for a GCS large-scale project (GCS-LS project) via the Gauss Centre for Supercomputing (GCS) . For smaller requests test accounts are available, please contact sc@fz-juelich.de . |
| Link to apply | https://application.fz-juelich.de/login?appkind=gcsnicjuelich |

6. Please fill out the sections of the online application form observing the following information:
 - **Section Application list**
If you have an extensible project (see point 3. of this fact sheet) and you would like to continue studies on the topic of the project, please extend this project by providing the corresponding project ID and click on EXTEND, otherwise, on NEW.
 - **Section Project Data**
Please fill out the point "Other applications for computing time" carefully - incomplete information may lead to a significant cutback of resources or even to the rejection of the proposal. *Please provide this information in the online form only and not in the project description.*
 - **Section Upload files**
Please upload here your detailed project description in PDF. Please *use the template* which is available in [word](#), [LaTeX](#) and [PDF](#) and adhere to the [guidelines](#) given on the GCS webpage. Since the templates may change from call to call make sure to use always the latest version using the links above. Please be aware, that the size of the description is limited to *18 pages (font size 12pt) and 60MB*. In case you apply for a project extension, please also upload the status report (*max. 10 pages, font size 12pt*) as a *separate file* (PDF). Please *use the template* which is available in [word](#), [LaTeX](#) and [PDF](#).
 - **Section Finalize**
After pressing the FINALIZE button you will get back to the application list. Here you can find this application in the list of "finalized applications". Please use the PRINT button for printing the application form, sign the form and send it to the Coordination Office for the Allocation of Computing Time preferred by email (coordination-office@fz-juelich.de). Sending it *additionally* by regular mail *is not necessary*.

Collection of relevant links

Call information, guidelines and applications

<https://application.fz-juelich.de/login?appkind=gesnicjuelich>

GCS (JUQUEEN successor applications with >35 million core-hours requested): http://www.gauss-centre.eu/gauss-centre/EN/HPCservices/HowToApply/LargeScaleProjects/largeScaleProjects_node.html

<http://www.gauss-centre.eu/gauss-centre/EN/HPCservices/HowToApply/guidelines-JSC-at-GCS.html>

Templates for project descriptions

Word: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-template-project-description-docx.docx>

LaTeX: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-template-project-description-tar.tar>

PDF: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-template-project-description-pdf.pdf>

Templates for Status and final reports

Word: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-status-final-report-doc.docx>

LaTeX: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-status-final-report-tex.tar>

PDF: <http://www.gauss-centre.eu/SharedDocs/Downloads/GAUSS-CENTRE/EN/ComputingTime/GCS-status-final-report-pdf.pdf>