

The GWDG at a glance



Gesellschaft für wissenschaftliche Datenverarbeitung
mbH Göttingen

The computer center and IT competence center for the
Georg-August-University Göttingen and the Max Planck
Society.



Central areas of responsibility

- Modern and secure IT infrastructure
- IT support for excellent research
- In-house research for innovative IT services

Various supra-regional tasks:

- National High Performance Computing Center
- National HPC Center of the DLR
- AI service center for sensitive and critical infrastructures
- Data center in four NFDI consortia
- Host for DARIAH-EU, German National Library, GFBio, NUM CODEX, MWS, WirLernenOnline, etc.
- Cloud operator, including Academic Cloud for universities in Lower Saxony

KISSKI: AI Service Center for Sensitive and Critical Infrastructures



Research into AI methods and their provision in a highly available AI service center for critical and sensitive infrastructures. Focus on socially highly relevant fields of **medicine** and **energy**

Service offer:

- Infrastructure
 - Hardware
 - Software
 - Models & data
- Consulting
 - Initial consultation
 - Further consultation
- Development
- Training
 - Training courses designed specifically for KISSKI
 - External courses offered by the KISSKI consortium partners



NHR-NORD@GÖTTINGEN

- As a high-performance computing center, the GWDG, together with the University of Göttingen, is now one of nine members of the National High Performance Computing Network - NHR. It currently operates the NHR systems Emmy and Grete.
- **Competencies**
 - Life sciences
 - Earth system sciences
 - Fluid mechanics
 - AI and big data
 - Digital humanities
- **Access to the NHR systems**
 - The allocation of computing time for small (test) projects is informal
 - A short application is required for extensive projects
https://docs.hpc.gwdg.de/application_process/index.html
 - Approved projects can be managed in our convenient portal <https://hpcproject.gwdg.de>

The logo for NHR-NORD@GÖTTINGEN features the text "NHR-NORD@GÖTTINGEN" in a bold, sans-serif font. The "NHR" part is stylized with a pink and grey color scheme, and the "@" symbol is blue.

Become customers at NHR-NORD@GÖTTINGEN & KISSKI

NHR-NORD@GÖTTINGEN (<https://gwdg.de/en/community-pages/nhr-intro/>)

To be able to use the computing systems, you must join an existing project or apply for a project. The following options are available:

- Join an existing project
- Apply for test access with limited computing time (requirement: member of a German university)
- Apply for a full project (requirement: member of a German university)

KISSKI (<https://kisski.gwdg.de/>)

To book services of KISSKI an AcademicID is required. The following options are available:

- Federated login: log in with your own institution's access data
- New registration: create an AcademicID during the booking process