

Neumann-Cluster Wiki



[John von Neumann](#) in the 1940s.

Welcome!

This wiki is used to share information between **users** of the Neumann-Cluster. It is **globally accessible**. However, only [OvGU](#) members can edit this content. General information, and news by the administrators can be found on the official page of the [Neumann-Cluster](#).

Currently, this wiki still is under construction.



Consider to contribute to this wiki! If you don't yet know how, start [here](#).



Overview

2752 CPUs @2.6GHz on 172 nodes

Infiniband

256GB memory per node

290TB disk storage, 8GB/s BeeGFS 4 Nodes je

2*(10+2 RAID6) * 4TB

Quick Links

- [First Login \(de\)](#)
- [UNIX Tutorial](#)
- [Connection Guide](#)
- [All Guides](#)
- [HPC-Etikette](#)
- [Template job scripts \(more\)](#)
 - [General](#)
 - [StarCCM+](#)

Latest News

Moving content to English Connection Guide and UNIX Tutorial almost completed		
All News	Add news:	Du besitzt nicht die Benutzerrechte um Seiten hinzuzufügen.

Create a new page by namespace and page link:
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Recent changes

Quick Reference

program	explanation
sbatch	Used to submit jobs with a job script e.g. <code>sbatch -p big myjob.sh</code> to run <code>myjob.sh</code> in the <code>big-que</code>
squeue	Shows the current que
scancel	Cancels waiting and running jobs e.g. <code>scancel 32611</code> , cancel job with id 32611
srun	Used to run interactive and parallel jobs e.g. <code>srun -p short -N 1 --pty /bin/bash</code> to start an interactive job
sinfo	Shows current status of ques
module	Allows to load pre-configured settings for certain programs, such as compiler, mpi

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