Quick Reference Card for
University of Siegen

Guidelines for the Application, Approval and
Allocation of HPC-Resources at University of Siegen
https://cluster.uni-siegen.de/
document created by https://hpc.dh.nrw

HPC.NRW

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Project Preparation	**Employees of University Siegen** enable access to the HPC ressources via NKV. **Students of University Siegen** need a supervisor (employee with HPC access), how enables the student's account via NKV. **Non-members of University Siegen** contact hpc-support@uni-siegen.de.
Proposal Submission	This phase does not apply for this HPC.NRW compute center.
Formal Evaluation	This phase does not apply for this HPC.NRW compute center.
Technical Review	This phase does not apply for this HPC.NRW compute center.
Scientific Review	This phase does not apply for this HPC.NRW compute center.
Resource Allocation and Monitoring	**Fair-share allocation:** Jobs are assigend a priority depending only on the recently used compute ressources (Core-h). **Student and guest accounts** are activated for one year and can be prolonged by the supervisor.

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Glossary of Terms and Definitions

Core-h A core-hour (Core-h) is a unit used for the accounting of compute cluster resources. One core-hour equals one CPU core being used for the duration of one hour of execution time. The latter is always measured as the elapsed wall clock time from the job start to the job finish and not as the actual CPU time. For exclusively scheduled jobs (i.e., jobs using the complete node), the used core-hours usage are always equal to the total number of CPU cores on the allocated nodes times the execution time, regardless of the actual number of node slots allocated to the job.

NKV Nutzerkontenverwaltung (unisim.zimt.uni-siegen.de).