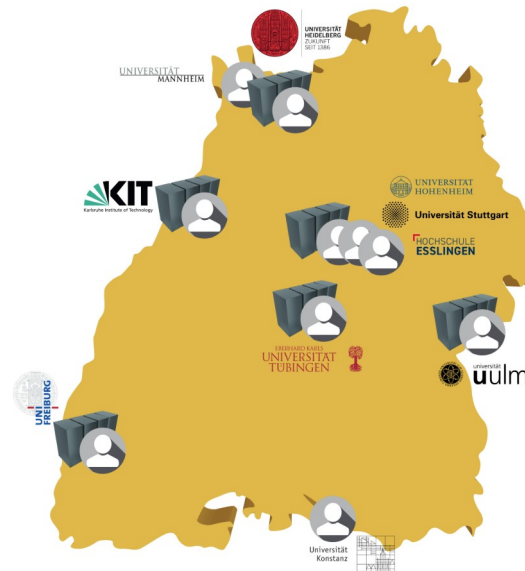


# Compute time projects@HoreKa

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# Outline

- Types
- Stages
  - Submission
  - Admission
  - How to improve your application
  - Reviews
  - Extensions
  - Deprovision
- Conclusion



# Types of projects

Project category	Duration	Min. Resources	Max. Resources	Review	Call
NHR Test	6 months, not extendable	- / -	500.000 CPUh / 5.000 GPUh	Technical	Rolling
NHR Starter	1 year	- / -	360.000 CPUh / 10.000 GPUh	Technical	Rolling
NHR Normal	1 year, extendable	2.000.000 CPUh / 30.000 GPUh	14.999.999 CPUh / 199.999 GPUh	2x Scientific	Rolling
NHR Large	1 year, extendable	15.000.000 CPUh / 200.000 GPUh	70.000.000 CPUh / 1.000.000 GPUh	2x Scientific + NHR Steering Committee	Quarterly

# Submitting Procedure @NHR (1)

NHR@KIT

Home > Resources & Applications > [Application for computing time](#)

## Application for computing time

The NHR@KIT Center provides level 2 high-performance computing resources. The resources are allocated on a **project** basis according to a joint science-led procedure.

[Who is eligible to apply? ▾](#)

[Application for computing time via NHR-JARDS ▾](#)

[Project categories ▾](#)

[Deadlines ▾](#)

[Templates for detailed project descriptions ▾](#)

[Project reviewing ▾](#)

[Project report ▾](#)

[Project extension ▾](#)

[Acknowledgement ▾](#)

# Submitting Procedure @NHR (2)



Electronic project application system for NHR

## Start Page

Welcome to JARDS, please choose if you want to create an application or review submitted applications.

## Applications

Please select an application kind to create an application. If you do not yet know which project category and/or NHR-center are appropriate for you, please first refer to the information on the [NHR website](#).

Select Appkind \*

Please select a category

Open Applications

Please select a category

NHR Starter

NHR Test/Preparation

NHR Normal

NHR Large

category is intended for applicants without experience with the application procedure high performance computing, and without deeper background knowledge of high computing. Your application will be assigned to one of the NHR centers, from where you and limited HPC resources for use for one year. The goal is easy access, and to enable submit a successful proposal in the Normal or Large project categories.

**2. NHR Test/Preparation Projects:** This project category is mainly used to prepare an application; it can

# Submitting Procedure @NHR (3)

# Submitting Procedure @NHR (4)

- Register yourself at FeLS: <https://fels.scc.kit.edu/>
- Check your personal data and contact your IT if necessary
- Provide us with EPPN
- Wait for approval notification

# Admitting Procedure @KIT

- Technical approval
- Conditional approval
- Create HoreKa group and add PI
- (Final) approval



# Hints to improve your application (1)

- Test is best!
- Check your spam folder regularly
- Do not hesitate to contact us
- You can register with FeLS long before submitting a proposal
- Stick to our templates!
- Refer to the projectID we give you in every message

## Hints to improve your application (2)

- Adding coworkers? Have them register at FeLS, fill out and sign the access form and provide us with their EPPN
- Need more resources? Divide your projects in subparts!
- Keep an eye on the overall energy consumption

Make our work easier to get your approval faster!

# Reviews

- Submit your reviewer list
- Give us keywords and DFG domains on your research (not necessarily related to your application)
- Too busy? Let us know for how long!

# Extensions

(only for normal and large projects)

- Short extension: 3 months resp. 25 % resources; „technical review“
- Normal extension: up to 1 year resp. more than 25 % resources; scientific reviews
- New application through JARDS
- Amount resources granted

# Deprovision

- Resources will be zeroed
- Inform us if you want to extend your project before deprovision notification
- Deprovision notification with a reminder for your report
- Collect your data!

# Conclusion

## Test is best

- Projects can be divided in subparts
- Do not hesitate to contact us:
  - Mail: [project-review@nhr.kit.edu](mailto:project-review@nhr.kit.edu)
  - Support portal: <https://support.nhr.kit.edu/>
- Stick to our templates!
- Collect your data once your project is over

# Questions and Feedback

We're more than happy to hear any remarks from you.

You can also contact us via [project-review@nhr.kit.edu](mailto:project-review@nhr.kit.edu) or through our support portal <https://support.nhr.kit.edu/>