Compute time projects@HoreKa

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Outline

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  - Submission
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  - Reviews
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Types of projects

Project category	Duration	Min. Requested Resources	Max. Requested Resources	Review	Call
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

Project category	Duration	Effectively Granted Resources	Review	Call
NHR Test	6 months, not extendable	500.000 CPUh / 5.000 GPUh	Technical	Rolling
NHR Starter	1 year, not extendable	360.000 CPUh / 10.000 GPUh	Technical	Rolling
AI Fast Track	1 year, extendable	380.000 CPUh / 20.000 GPUh	None	Rolling

NHR Test and Starter only available for first time applicants!
AI Fast Track currently inactive!

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 detailled 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 categor ∨ |

[Open Applications]

Please select a category

NHR Starter

NHR Test/Preparation

NHR Normal

NHR Large

ategory is intended for applicants without experience with the application procedure
igh performance computing, and without deeper background knowledge of high
ting. Your application will be assigned to one of the NHR centers, from where you
nd 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)


```
Application for Computing Time on the NHR@KIT Compute Cluster
                        Category: Test


Application No.:                    20905
Project extension:                  no

Application for computing time    from    01.09.23
                                  to      29.02.24


***********************************************************
*                                                         *
*                 Contact Information                     *
*                                                         *
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Submitting Procedure @NHR (4)

- Register yourself at FeLS: https://fels.scc.kit.edu/

- Check your personal data and contact your IT if neccessary

- Provide us with EPPN

- Wait for approval notification

Submitting Procedure @NHR (5)
Work group creation

- Visit https://www.nhr.kit.edu/application.php
- Follow the Guide

Home > **Infrastructure** > **System Access**

Apply for a Compute Project

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.

The templates for project description or a guide for final report can be found further down.

If you're already familiar with the process and only need to create a new application or review submitted ones in the project application system (NHR-JARDS), please follow the link:

→ NHR-JARDS

Who is eligible to apply? ⌄

Application for computing time via NHR-JARDS ⌃

- Send the FeLS-ID to project-review@nhr.kit.edu

Submitting Procedure @KIT
AI fast track

AI Fast Track: Guide to creating projects Application for computing time HoreKa Future Technologies Partition

- Visit https://www.nhr.kit.edu/application.php

- Follow the Guide

Currently inactive!

Check regularly at https://www.nhr.kit.edu/application.php

- Send the FeLS-ID to project-review@nhr.kit.edu

Local project (HoreKa): AI

ID:	106503468
Name:	AI
Groupname:	ai_fast

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Admitting Procedure @KIT

- Technical approval

- Conditional approval

- Create HoreKa group and add PI

- (Final) approval

Hints to improve your application (1)

- 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?
  - Older projects: Have them register at FeLS, fill out and sign the access form and provide us with their EPPN
  - New projects: Add them by your own in FeLS

- Keep an eye on the overall energy consumption

- Check if BAFA approval for coworkers is needed! Contact us if unsure

  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 now for how long!

Extensions
(only for normal and large projects)

- Short extension: 3 months resp. 25 % resources; „technical review"
  - Can be done through JARDS (preferred) or by email

- 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! We guarantee storage for up to 3 months, everything will be deleted after this period

Conclusion

- Do not hesitate to contact us:
    - Mail: 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 or through our support portal https://support.nhr.kit.edu/