



Introductory Course: HPC and Data Mngt. *in Baden-Württemberg*

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All KIT, SCC



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Baden-Württemberg
MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST

Funding:

www.bwhpc.de

Introductory Course: HPC and Data Mngt. in BaWü

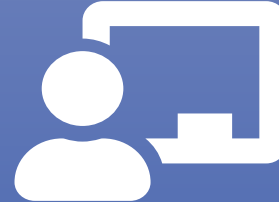


Use zoom with
full name
designation



For questions:

Raise your
hand / use chat



Tutorials:

via Breakout
Rooms



Questions after
the course:
Support
Channels

Before leaving:



Fill out the
survey :)

<https://onlineumfrage.kit.edu/evasys/online.php?p=HCFAA>

Introductory Course: HPC and Data Mngt. in BaWü

- To follow live all tutorials please get the bwUniCluster entitlement in advance
 - for details <https://wiki.bwhpc.de/e/Registration/bwUniCluster>
 - If you do **NOT HAVE** the **bwUniCluster entitlement** or not access to any bwForCluster, please write an email now to:
 - bwhpc-course@lists.kit.edu

Where to get the slides and exercises?

■ https://indico.scc.kit.edu/indico/e/bwhpc_course_2022-10-13

bwUniCluster: /opt/bwhpc/common/workshops/2022-10-13

■ exercises

■ slides

Overview

Agenda

Registration

Contact

✉ courses@bwhpc.de

Das Steinbuch Centre for Performance Computing (SCPC) is a research center for high-performance computing (HPC) and data management (DM) at the University of Karlsruhe (KIT). The center is located at the Steinbuch Institute for Applied Computer Science (SIAC) in Karlsruhe. The center provides a wide range of services and resources for researchers and students in the field of HPC and DM. The center is also involved in various international collaborations and projects.

The Steinbuch Centre for Performance Computing course is aimed at providing information about advanced HPC and DM techniques, and tutorials, and advanced HPC and DM techniques.

Starts 21 Oct 2022
Ends 21 Oct 2022
Europe/Berlin

exercises

slides

Course Agenda – October 13th 2022

- 09:30** → 10:00 **bwHPC + bwHPC-S5: Introduction and Concept**
- 10:00** → 10:45 **Access procedure: bwUniCluster 2.0, bwForClusters (JUSTUS 2, Helix, NEMO, BinAC) incl. exercises**
- 10:45** → 11:00 **Break**
- 11:00** → 12:00 **Linux Introduction (CLI, Editors, etc): Linux introduction + Permissions**
- 12:00** → 13:00 **Lunch Break**
- 13:00** → 14:00 **File system and Software modules**
- 14:00** → 14:15 **Break**
- 14:15** → 15:30 **Batchsystem introduction incl. exercise: Batch system introduction + Architecture incl. Exercise**