



# Introductory Course: High Performance Computing (HPC) *in Baden-Württemberg*

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Karlsruher Institut für Technologie



ulm university universität  
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Baden-Württemberg  
MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST

Funding:

[www.bwhpc.de](http://www.bwhpc.de)

## Before starting:

- Reboot desktop computer to linux
- Login desktop computers with course account and password
- Fill the list of attendance
  - Gets you access to reserved compute resources on bwUniCluster for workshop

## Before leaving:

- Please evaluate this workshop

# Where to get the slides and exercises?

- [https://indico.scc.kit.edu/indico/e/bwhpc\\_course\\_2018-10-09](https://indico.scc.kit.edu/indico/e/bwhpc_course_2018-10-09) or [uc1:/pfs/data1/software\\_uc1/bwhpc/kit/workshop/2018-10-09](uc1:/pfs/data1/software_uc1/bwhpc/kit/workshop/2018-10-09)

- Slides
- Exercises

Überblick / Overview

Agenda

Registrierung / Registration

Formular / Form

Das Steinbuch Centre for Computing (HPC) in Karlsruhe (bwUniCluster, bwUniCluster) provides high performance computing (HPC) resources for research and education. The center offers a wide range of services, including access to high performance computing resources, storage, and networking. The center is located at the Steinbuch Centre for Computing, Karlsruhe Institute of Technology (KIT).

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Starts 6 Dec  
Ends 6 Dec  
Europe/Berlin

Slides exercises

# Course Agenda – October 09<sup>th</sup> 2018

Time	Presenter	Title
09:30	J. Denev	bwHPC + bwHPC-S5: Introduction and Concept
10:00	S. Shamsudeen	Access Procedures– bwUniCluster, bwForClusters, ForHLR I & II incl. Exercises
10:45		Coffee break
11:00	P. Weisbrod	Linux introduction + Permissions (CLI, Editors, etc)
12:00		Lunch break
13:00	R. Laifer	File System and Software Modules
14:15		Coffee break
14:30	T. Zirwes	Batch System Introduction incl. Exercises