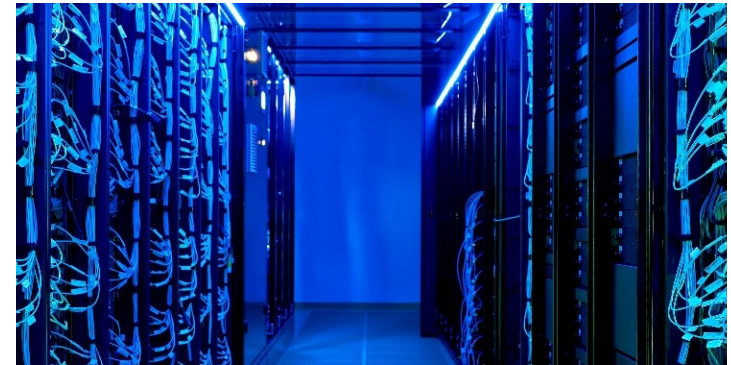
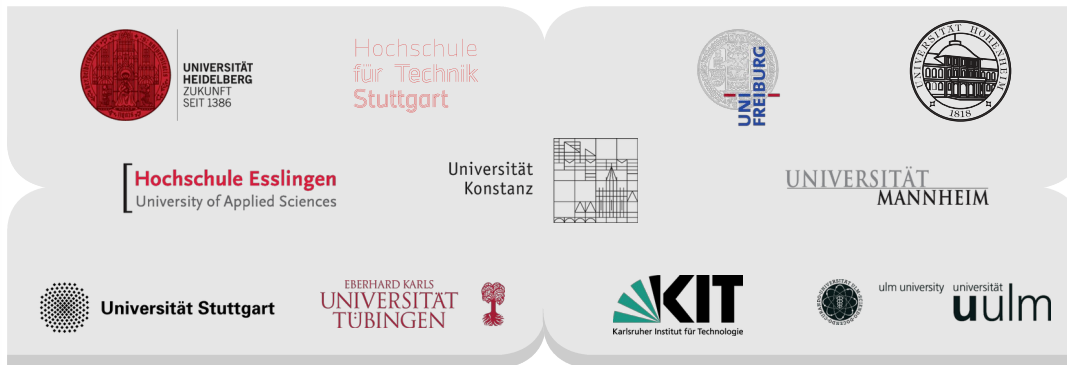


## Course: Advanced HPC and Data Management topics

R. Barthel, S. Braun, M. Soysal, H. Häfner

Supported by: R. Laifer, P. Weisbrod, H. Obermaier, K.-H. Schmidmeier, B. May

All KIT, SCC



## Intermediate Course: Advanced HPC and Data Management topics

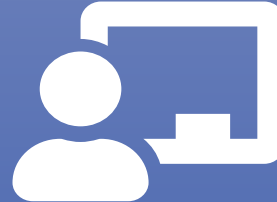


**Use zoom  
with full name  
designation**



**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=85WED>

# Intermediate Course: Advanced HPC and Data Management topics

- To follow live all tutorials please get the bwUniCluster entitlement in advance
  - for details [https://wiki.bwhpc.de/e/BwUniCluster\\_2.0\\_User\\_Access](https://wiki.bwhpc.de/e/BwUniCluster_2.0_User_Access).
- 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](mailto:bwhpc-course@lists.kit.edu)

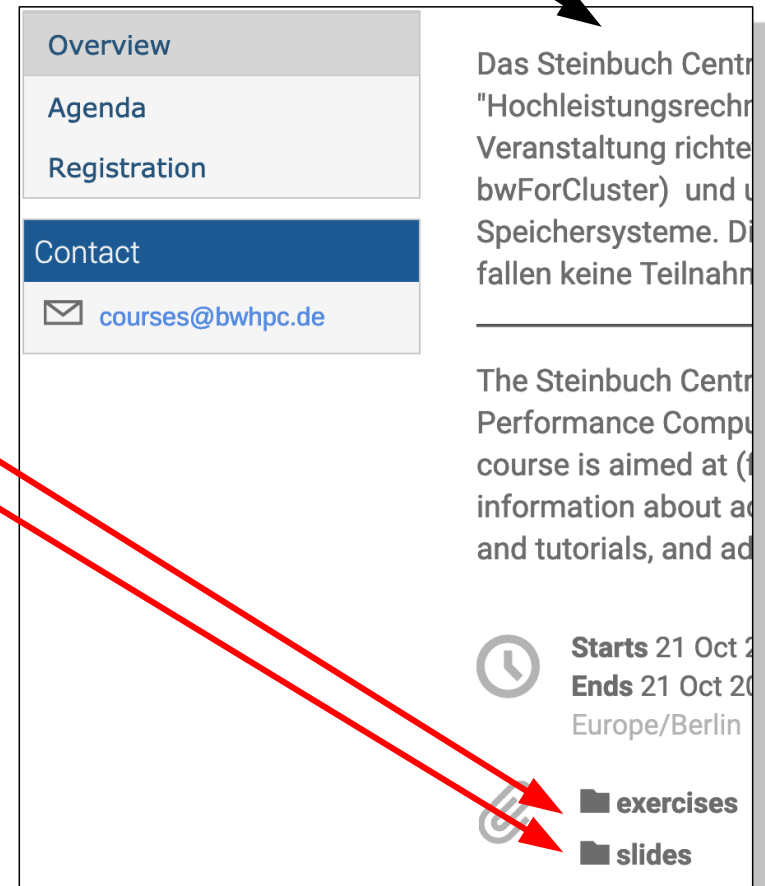
# Where to get the slides and exercises?

■ [https://indico.scc.kit.edu/indico/e/bwhpc\\_course\\_2021-12-01](https://indico.scc.kit.edu/indico/e/bwhpc_course_2021-12-01)

bwUniCluster: /opt/bwhpc/common/workshops/2021-12-01

■ exercises

■ slides



**Overview**

[Agenda](#)

[Registration](#)


**Contact**


✉ [courses@bwhpc.de](mailto:courses@bwhpc.de)

Das Steinbuch Centre for Computing ("Hochleistungsrechnen") veranstaltet eine Fortbildung (bwhForCluster) und eine Schulung (bwhUniCluster) zu den Themen Speichersysteme. Die Teilnahme ist kostenlos. Es fallen keine Teilnahmegebühren an.

The Steinbuch Centre for Computing Performance Computing course is aimed at (1) providing information about advanced computing and tutorials, and advanced computing.

**Starts** 21 Oct 2021  
**Ends** 21 Oct 2021  
Europe/Berlin

 **exercises**

 **slides**

# Course Agenda – December 01<sup>st</sup> 2021

**09:30** → 10:50 **Advanced Bash Scripting + Exercises**

**10:50** → 11:00 **Break**

**11:00** → 12:30 **Advanced Job Scripting + Exercises**

**12:30** → 13:15 **Lunch Break**

**13:15** → 14:15 **Adv. topics - Usage of bwHPC & HoreKa clusters**

**14:15** → 14:30 **Break**

**14:30** → 15:45 **Batch system: Best Practices (incl. parallel jobs)**