

Intermediate Course 2025/04/10: Intermediate HPC and Data Management @KIT

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All KIT, SCC



Before Starting:

- List of attendance:
 - Write your name, university and sign it
 - Entitlement of bwUniCluster → no **or**
Access to HoreKa → no
 - Write under „Notes“: „no access“

Before Leaving:

- Please fill the evaluation form:

The screenshot shows a web-based evaluation form titled "HPC in Baden-Württemberg" and "Introductory Course 2023/2024: HPC and Data Management". It is from the "Karlsruhe Institute of Technology" (KIT). The form includes sections for rating the lecture for beginners, rating the tutorials for beginners, and general comments. It also has a section for organizational aspects like registration, service, coffee break, and how well the user was informed. At the bottom, there is a section for statistics where the user's affiliation (student or employee) is recorded.

Please rate the "lecture for beginners" regarding the following aspects

	very good	good	neutral	bad	very bad
1. How do you rate the lecture for beginners as a whole?	☐	☐	☐	☐	☐
2. How is the lecture for beginners structured?	☐	☐	☐	☐	☐
3. Knowledge gain	☐	☐	☐	☐	☐
4. Contents	☐	☐	☐	☐	☐
5. Clarity	☐	☐	☐	☐	☐
6. Speed	☐	☐	☐	☐	☐
7. Do you understand the importance of the course contents to your work?	☐	☐	☐	☐	☐
8. Suitability of teaching and learning material (handouts)	☐	☐	☐	☐	☐

Please rate the "tutorials for beginners" regarding the following aspects

	very good	good	neutral	bad	very bad
1. How do you rate the tutorials for beginners as a whole?	☐	☐	☐	☐	☐
2. How are the tutorials for beginners structured?	☐	☐	☐	☐	☐
3. Knowledge gain	☐	☐	☐	☐	☐
4. Contents	☐	☐	☐	☐	☐
5. Clarity	☐	☐	☐	☐	☐
6. Speed	☐	☐	☐	☐	☐
7. Do you understand the importance of the course contents to your work?	☐	☐	☐	☐	☐
8. Suitability of teaching and learning material (handouts)	☐	☐	☐	☐	☐

General Comments

1. In particular, I liked:

2. In particular, I did not like:

3. Would you recommend this course to others?

	very much	much	neutral	not at all
1. Registration	☐	☐	☐	☐
2. Service	☐	☐	☐	☐
3. Coffee break	☐	☐	☐	☐
4. How well were you informed about this course?	☐	☐	☐	☐
5. How well were you informed about this course?	☐	☐	☐	☐
6. Printed booklet	☐	☐	☐	☐
7. Printed booklet	☐	☐	☐	☐

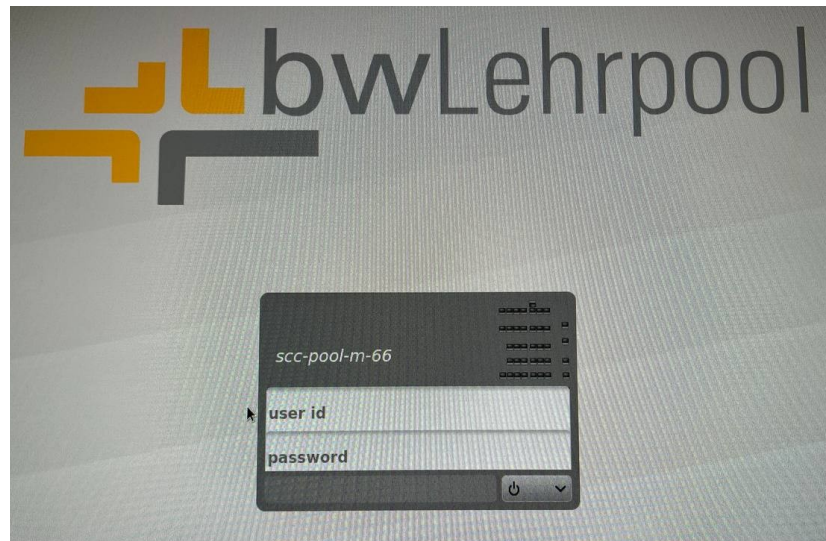
For our statistics, we need some more information

1. Affiliation (type):

☐ student ☐ PhD student ☐ employee (not PhD student)

Access Pool Computers (1)

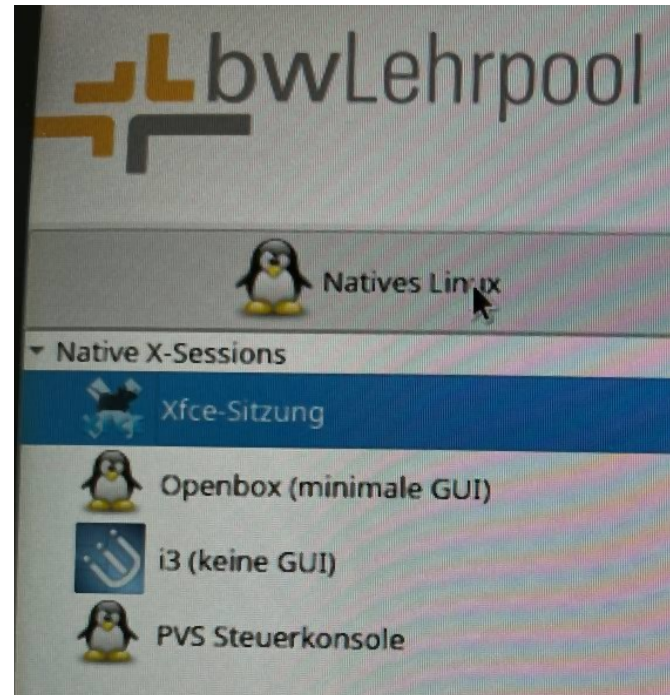
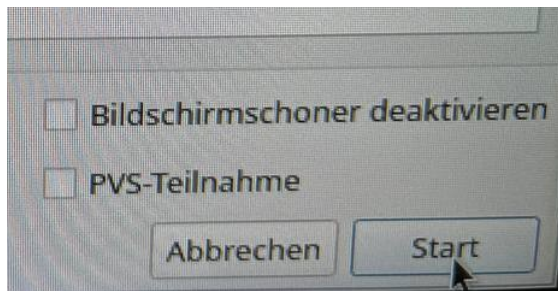
1. Reboot pool computer
2. Log in with your „User ID“ and home organization „password“
 - User ID = <university_accountname@<email-domain>
 - e.g.: KIT: xy1234@kit.edu
 - e.g.: Uni Stuttgart ac123456@uni-stuttgart.de



Access Pool Computers (2)

3. Choose „Natives Linux“
4. Choose from „Native X-Sessions“:
 - „Xfce-Sitzung“

5. Start Session



Course Agenda – April 10th 2025

Start	End	Title
9:30	10:15	Introduction + Agenda Hints for successful submitting procedure: HoreKa
10:35	12:35	Intermediate Bash Scripting + Exercises
12:35	14:15	Lunch break
14:15	15:00	File Systems
15:20	16:50	Batch System: Best Practices and Running parallel jobs