

Advanced Course 2025/04/11: Advanced 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“

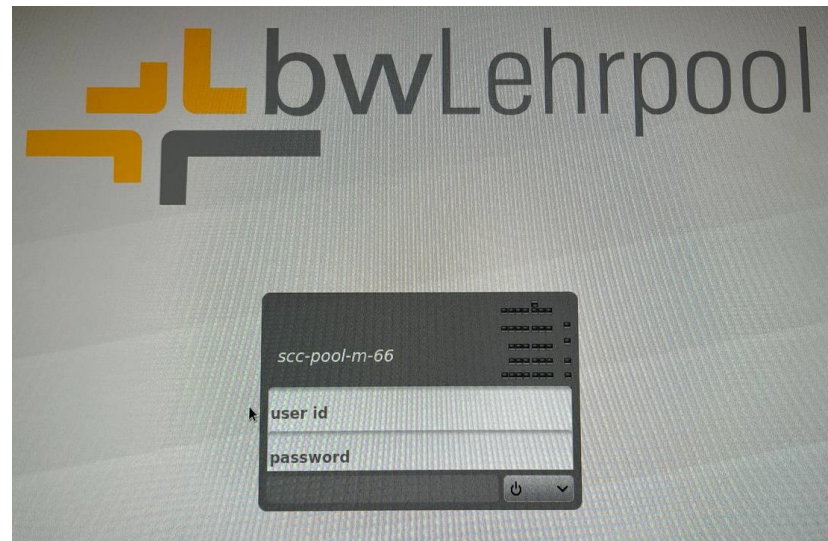
Before Leaving:

- Please fill the evaluation form:

The screenshot shows a web-based evaluation form titled "HPC in Baden-Württemberg" and "Introductory Course 2023/24 HPC and Data Management". It includes a header with logos for the Leibniz Centre for Computing, Dr. Robert Barthel, and KIT. The form contains two main sections for rating aspects, each with 8 questions and a 5-point Likert scale (very good/very bad to very poor/very bad). The first section is for the "lecture for beginners" and the second is for the "tutorials for beginners". Below these are sections for "General Commentaries" with two text boxes, a recommendation question, and an "Organisation" section with 4 questions. At the bottom, there is a section for "For our statistics, we need some more information" with checkboxes for affiliation type (student, PhD student, employee) and a "making list" checkbox.

Access Pool Computers (1)

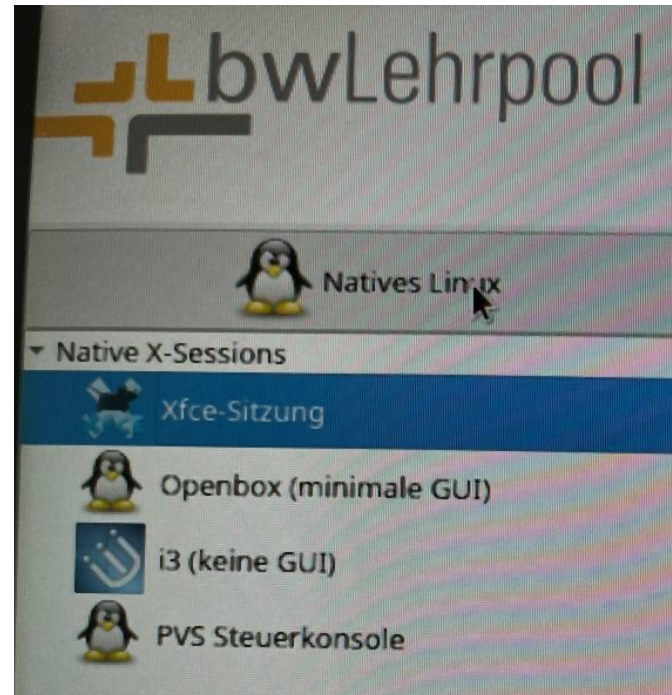
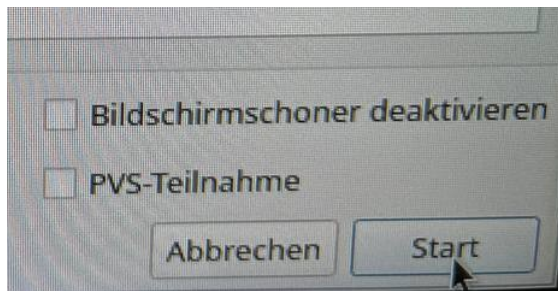
1. Reboot pool computer
2. Log in with your „User ID“ and home organization „password“
 - User ID = <university_accountname@<email-domain>
 - e.g.: KIT: `xy1234@kit.edu`
 - e.g.: Uni Stuttgart `ac123456@uni-stuttgart.de`



Access Pool Computers (2)

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

5. Start Session



Course Agenda – April 11th 2025

Start	End	Title
9:30	11:30	Introduction + Agenda Advanced Bash Scripting + Exercises
11:50	12:50	Advanced topics – Usage of bwHPC & HoreKa clusters
12:50	14:30	Lunch break
14:30	15:15	Introduction to Jobmon