



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

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University of Applied Sciences

Universität
Konstanz



UNIVERSITÄT
MANNHEIM



Universität Stuttgart

EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



KIT
Karlsruher Institut für Technologie



ulm university universität
uulm



Baden-Württemberg
MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST

Funding:

www.bwhpc.de

Before starting:

- List of attendance
 - Sign your name on list
 - Add your university account
 - Why? To include your account to access compute node reservation on bwUniCluster

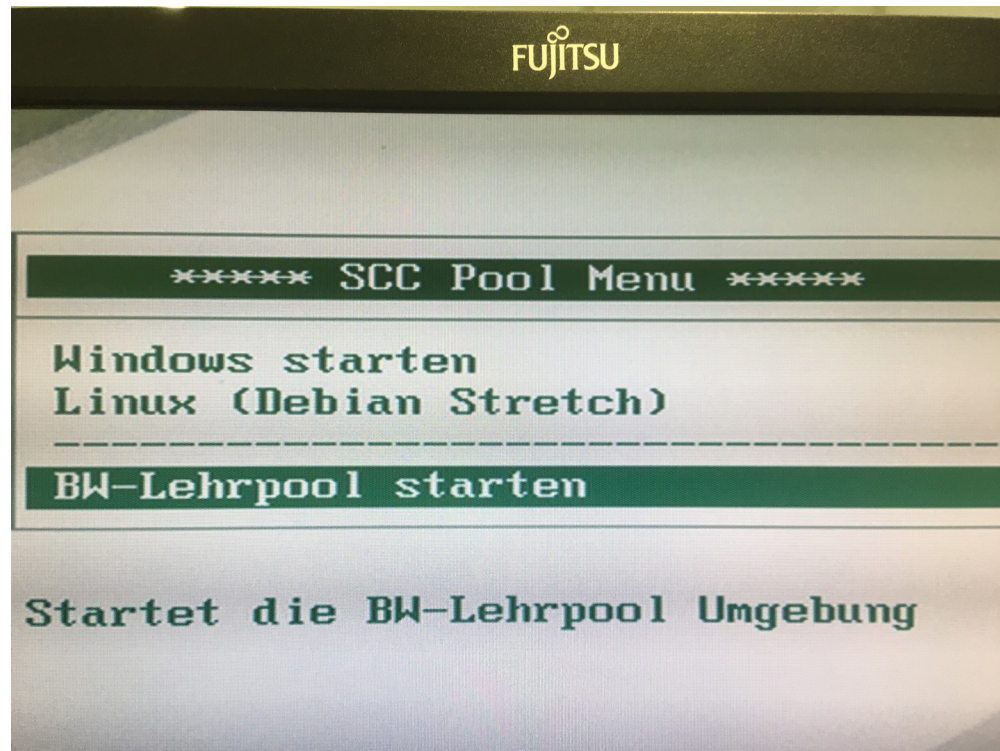
Before leaving:

- Please fill the evaluation form

Access Pool computers (1)

1. Reboot pool computer

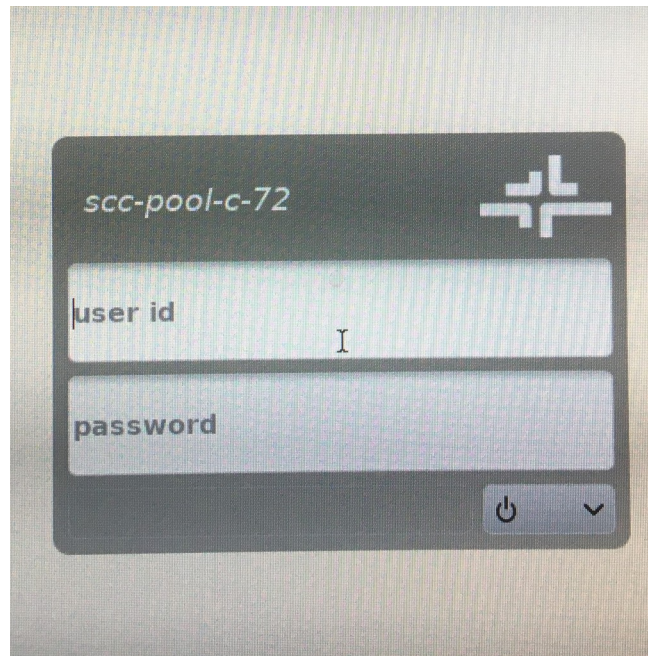
- At boot screen choose: „BW-Lehrpool starten“



Access Pool computers (2)

2. Log in with your „user id“ and „password“

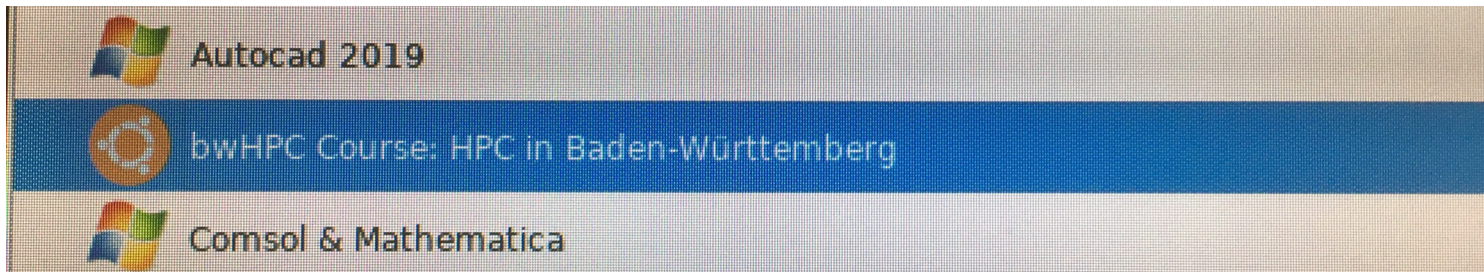
- User id: <university_accountname>@<email-domain>
 - e.g. KIT: xy1234@kit.edu
 - e.g. Uni Stuttgart: ac123456@uni-stuttgart.de



Access Pool computers (3)

3. Select & Load virtual machine „bwHPC Course“

→ Operational system is Ubuntu 19.04

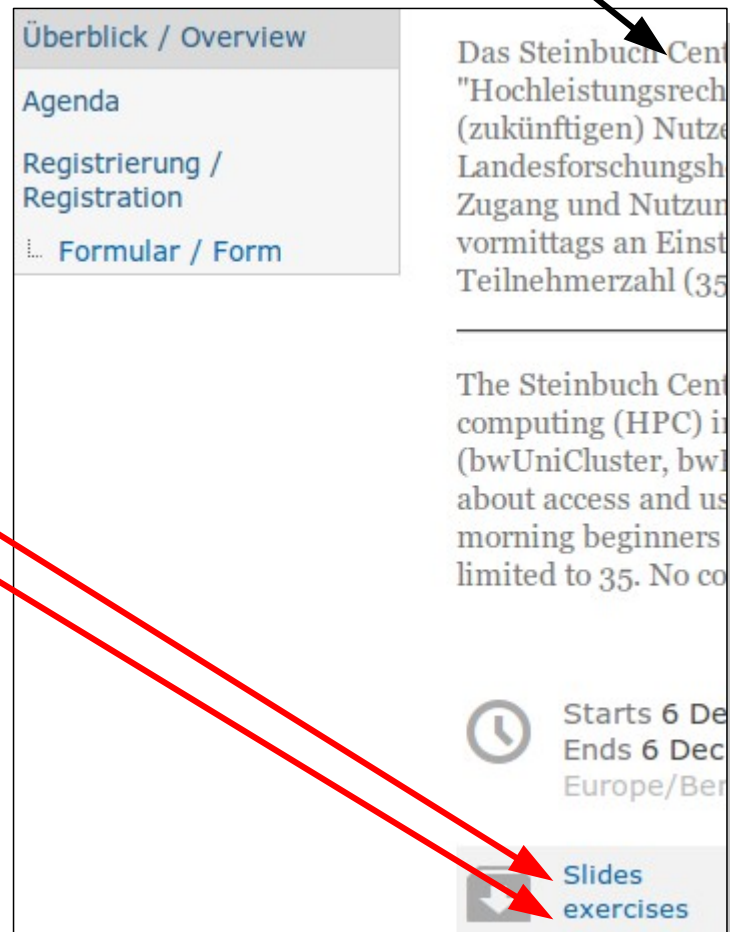


→ Be patient: Starting may take longer since the whole OS is loaded from network

Where to get the slides and exercises?

- https://indico.scc.kit.edu/indico/e/bwhpc_course_2019-10-08
bwUniCluster: /pfs/data1/software_uc1/bwhpc/kit/workshop/2019-10-08

- Slides
- Exercises



Überblick / Overview

Agenda

Registrierung / Registration

Formular / Form

Das Steinbuch Centre for Computing (HPC) in Karlsruhe (bwUniCluster, bwUniCluster) is a workshop for HPC beginners. The course is about access and use of the HPC system. The course is limited to 35. No co...

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Starts 6 Dec
Ends 6 Dec
Europe/Berlin

Slides exercises

Course Agenda – October 08th 2019

Time	Presenter	Title
09:30	J. Denev	bwHPC + bwHPC-S5: Introduction and Concept
10:00	H. Häfner	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	D. Piccioni Koch	File System, Software Modules
14:15		Coffee break
14:30	D. Piccioni Koch	Batch System Introduction incl. Exercises
15:45		End