



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

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UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

Hochschule
für Technik
Stuttgart

Hochschule Esslingen
University of Applied Sciences

Universität
Konstanz



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Universität Stuttgart

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UNIVERSITÄT
TÜBINGEN



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

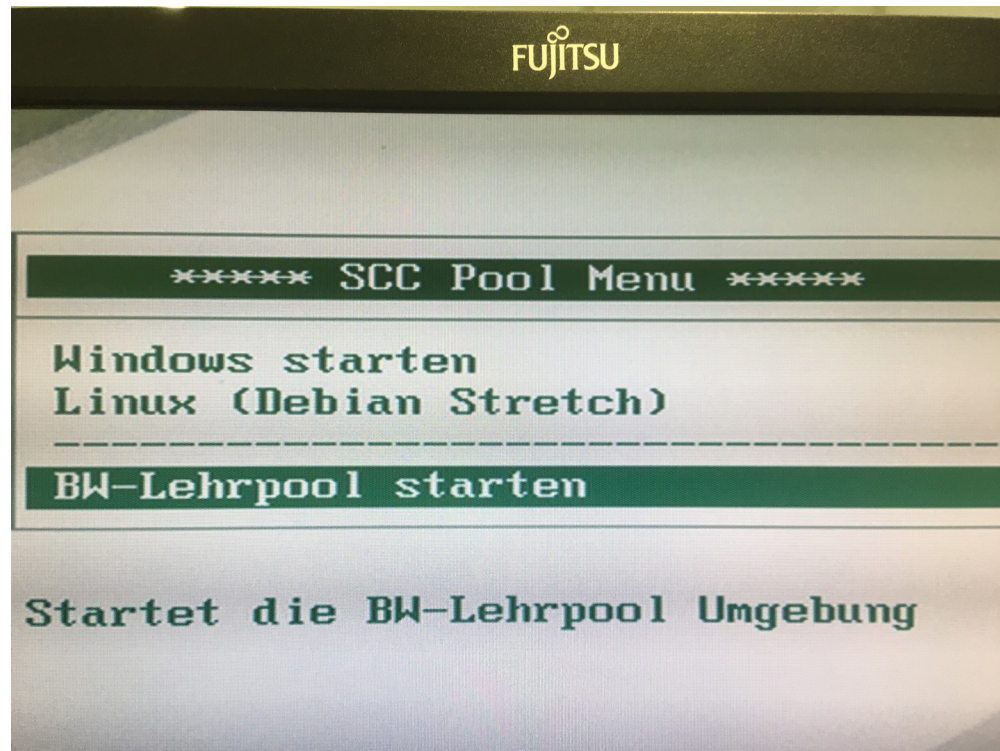
Before leaving:

- Please fill the evaluation form

Access Pool computers (1)

1. Reboot pool computer

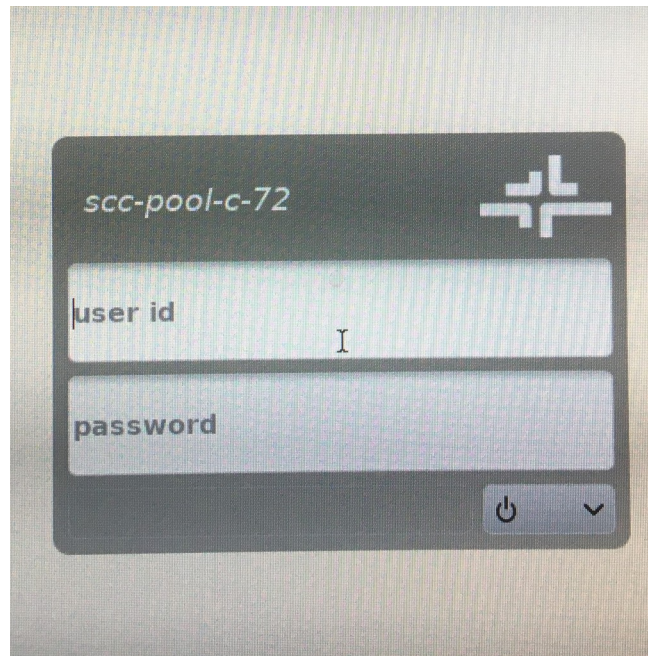
- At boot screen choose: „BW-Lehrpool starten“



Access Pool computers (2)

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

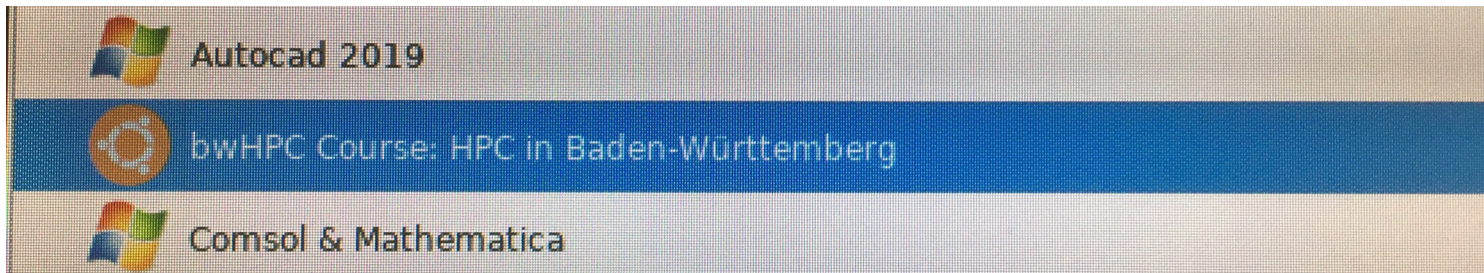
- User id: <university_accountname>@<email-domain>
 - e.g. KIT: xy1234@kit.edu
 - e.g. Uni Stuttgart: ac123456@uni-stuttgart.de



Access Pool computers (3)

3. Select & Load virtual machine „bwHPC Course“

→ Operational system is Ubuntu 18.10



→ 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_2019-04-11 or
bwUniCluster: /pfs/data1/software_uc1/bwhpc/kit/workshop/2019-04-11

- Slides
- Exercises

Überblick / Overview

Agenda

Registrierung / Registration

Formular / Form

Das Steinbuch Centre for Computing (HPC) is a high-performance computing (HPC) center at the University of Stuttgart. It provides access to the bwUniCluster, bwUniCloud, and bwUniCloud storage. The center is located at the Steinbuch Center for Computing, 70569 Stuttgart, Germany. The center is open from Monday to Friday, 9:00 AM to 5:00 PM. The center is closed on weekends and public holidays. The center is a member of the European HPC Infrastructure (EHPI) and the European HPC Infrastructure (EHPI) is a member of the European HPC Infrastructure (EHPI).

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Starts 6 Dec
Ends 6 Dec
Europe/Berlin

Slides exercises

Course Agenda – April 11th 2019

Time	Presenter	Title
09:30	I. Kondov	Advanced Python – Part 1
10:15		Coffee break
10:25	I. Kondov	Advanced Python – Part 2
11:30		Lunch break
12:30	H. Obermaier	Performance Tools – Part 1
13:45		Coffee break
14:00	H. Obermaier	Performance Tools – Part 2
15:15		End