Ruprecht-Karls University of Heidelberg
Institute of Computer Engineering

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Advanced Parallel Computing
Summer term 2019

1 Organizational Matters

1.1 Login instructions

1.1.1 Moodle

- Course name (long): Advanced Parallel Computing
- Course name (short): MScTI_APC19
- Moodle password: **coherence_storm**

1.1.2 Moore Cluster

You can only connect to the Moore Cluser, if you are inside the Uni Heidelberg network domain, therefore, use the Uni WLAN or use a VPN.

- Hostname: ceg-moore.ziti.uni-heidelberg.de
- Usernames: apc00 - apc08
- Password: changeme2019

Example login: **ssh apc00@ceg-moore.ziti.uni-heidelberg.de**

Creating a ssh config file *.ssh/config* simplifies the login a lot. Furthermore, it is recommended to create a ssh key with *ssh-keygen* and upload it to the server with *ssh-copy-id*.

1.2 Admission requirements for the exam

Let X be the total amount of theoreticlly achievable points by solving the exercises and Y the treshold needed for admission to the exam:

$$Y = \frac{2}{3} \cdot X \tag{1}$$

You can earn points by solving the exercises (option A) or declare readiness to present your solution in the tutorial (option B). The project work is excluded from option B. The points earned by declaring readiness match the points of the related exercise task. The points of both options are summarized:

$$P = A + B \tag{2}$$

However, the maximum amount of points you can earn with the second option is set to:

$$B_{max} = \frac{1}{3} \cdot Y \tag{3}$$

If $P \geq Y$ you are allowed to participate in the exam.