

This document provides information for participants of the course IN 5400. Please, read it carefully. In case of any questions, please, ask one of the group teachers.

Accounts

Important! Please, change the initial password as soon as possible but no later than 3 days after receiving it. Don't reuse any of your other passwords, use a strong password. Good password generators are available on the Internet, e.g., <https://passwordsgenerator.net> (use minimum 12 characters).

Change your password as follows: determine the machine 1, 2 or 3 to use (number before // on the account information), go to the URL `https://mlMACHINE.hpc.uio.no:9345` (replace MACHINE with your machine number), enter your course account and initial password. When you're logged in, open a terminal via `New ⇒ Terminal`. In the terminal, type `passwd` and hit the ENTER key. Then follow the instructions (first typing the current password, which is the initial password, then you have to type a new password, and type it in again).

Note, your course account and password are only valid on one machine. **Your course account will be available until end of May 2019. Make sure to have copied back any scripts you want to keep beyond that date.**

Access times

- Course participants will have access to the machines on week days Monday to Friday from 09:00 to 17:00 (can be adjusted when needed).
- Please, respect group session times tuesdays and thursdays from 10:00 to 12:00. Do not run any work during these hours unless told otherwise by the group teachers.
- If demand is high, we can extend the access time. If demand is low, we may decrease the access time or consolidate course participants to fewer servers.

Technical infrastructure

- Three servers each equipped with 28 CPU cores, 4 NVIDIA RTX 2080 Ti GPUs and 128 GiB RAM.
- You have write access to three file systems `/home` (what you see when logged in), `/work` and `/shared` (accessible via symbolic links from your `/home`). **Note, `/home` and `/work` are hosted on a small SSD. Please, only store small scripts or data there.**
- You'll have access to a Python 3.6 environment with all necessary packages preinstalled. You can start a new notebook via `New ⇒ Python 3.6 (Conda)`.
- Notebooks/servers of a user will be shutdown after being 30 min inactive.
- Note, as nearly 40 students have access to one server, there may be times when there is high load, not just on the GPUs, but also RAM can become a bottleneck.
- **Note, currently there is no backup of any file system. Make sure to copy back / download scripts.**
- You can only access the machine via the URL given above. SSH login is not enabled.
- The machines are only accessible from UiOs network. If you're outside UiO, you have to connect to UiO's VPN first. Tunneling may be possible, but be careful to not tunnel from a machine with multiple users.
- Sometimes a GPU disappears. Then we need to reboot the server, and everyone needs to login again. We'll try to do such reboots in after work hours to minimize impact on ongoing work.