DPHPC: Running on Euler

Recitation session
Connecting and copying files

- `ssh <nethz user>@euler.ethz.ch`
  - Use your nethz password
- `scp <local path> <nethz user>@euler.ethz.ch:<remote path>`
  - Use your nethz password
  - Invert the two argument to copy from the remote location to the local one
Running Jobs

- Check if everything you need is there
  - Module avail/list/load/unload/switch
- Compile your program
- Euler runs the Load Sharing Facility (LSF) batch system

- Launch the job!
  - `bsub -n <num cores> <app command> <app arguments>`
  - Tip: use job script!
- Check job status:
  - `bjobs`
- Cancel job:
  - `bkill`
- Other useful commands
  - `bqueues`

Much more at:
https://scicomp.ethz.ch/wiki/Getting_started_with_clusters