Introduction to HPC

Report of Contributions

Contribution ID : **0**   Type : **not specified**

Terminal, File systems and the Space shuttle (breaks inbetween)

Wednesday, 24 January 2018 09:40 (90)

This part will recap fundamentals of the unix shell and guide you through the process of accessing the HPC cluster, knowing your way around the file system and it's basic setup. We will discuss how to transfer files to and from the cluster.

Summary

Presenter(s) : STEINBACH, Peter

Contribution ID : **1**   Type : **not specified**

Schedulers 101 (breaks and lunch inbetween)

Wednesday, 24 January 2018 11:10 (170)

This section will train you in the mechanics of sending a job, monitoring its progress, cancelling it and inspecting the log files and results. It's contents build upon the shell basics discussed in the first section of this day. We will make a lunch break in the middle of this section.

Summary

Primary author(s) : STEINBACH, Peter

Contribution ID : **2**   Type : **not specified**

Fundamentals of Parallel Programming (breaks inbetween)

Wednesday, 24 January 2018 14:00 (180)

In this session, we dive into parallelizing a simple mathematical problem and show how to use various methods for parallelisation on the HPC cluster with python3.

Summary