

6 - The HPC cluster

If your use case has needs related to parallel computing, i.e. multinode-MPI or needs special computing resources such as Intel Manycore or NVIDIA GPUs, probably you need to access the CNAF HPC cluster, which is a small cluster (about 100TFLOPS) but with special HW available [\[9\]](#).

This cluster is accessible via the LSF batch system for which you can find instructions here [\[10\]](#) and Slurm Workload Manager which will be introduced hereafter. Please keep in mind that the LSF solution is currently in its EOL phase and will be fully substituted by Slurm Workload Manager in the near future.

In the following pages, few details on the account request and first access are given.