

MPI: Practical session 7

1 NUMA

See Dr Rutter's description in the notes, on slide 291. The machine `apollo.lsc.phy.private.cam.ac.uk` is a dual-socket machine. Try some of the examples on there.

Also, try choosing some of the practical examples from earlier in the course, and run them using different settings for `taskset`.

2 Streams benchmark

Download and try running the streams benchmark described on slide 292. Some results for dual-socket machines within the CSC network can be found at https://www-internal.lsc.phy.cam.ac.uk/hydra_nodes.shtml