

LUMI

A white wolf is the central focus, standing in a futuristic, blue-toned digital environment. The background is filled with vertical data streams, grid lines, and floating particles, creating a high-tech, cybernetic atmosphere. The wolf is looking slightly to the right of the camera.

Wrap-up Day 1

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Today's topics

- Hardware: Well-designed but different
- System environment optimised/tuned for scalable jobs at the cost of workstation compatibility
- Programming environment: Important on an HPC system, and somewhat different from many other clusters
- Getting on the system and transferring data: Open for improvements in user experience, but it is what it is
- Using modules on LUMI: Pretty standard Lmod configuration with some LUST-sauce in the presentation
- Software stacks on LUMI: A bit more work for the user than on your standard university cluster
- Support is distributed, also across organisations, and there are likely less “support persondays” available per user than on your local university cluster

Tomorrow's topics

- Theme 1: Running jobs
 - Each Slurm configuration is different. Rely for 80% on what you know but not more...
 - And effort is needed to get optimal performance: exploit the topology of a node.
- Theme 2: Working with data on LUMI: Lustre and the object storage
- Theme 3: Using containers on LUMI: Not the miracle solution to all problems that some people think it is...
- And what did we not cover in this course?

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See you all tomorrow!

