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MUL-HPC-23 High Performance Cluster

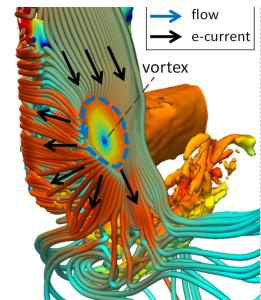
Maximize your research efficiency with a cluster that combines cutting-edge technology and robust performance for scientific excellence.

Lenovo HPC nodes and IBM Spectrum Scale Storage

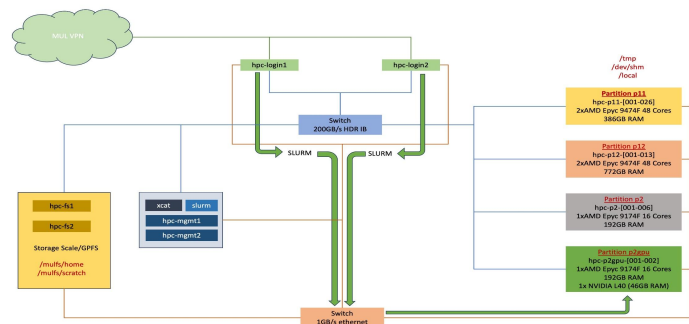


Scientific application areas

Computational Fluid Dynamics
Multiphysics Simulations
CAE and Advanced DEM
Atomistic Simulations
AI and Deep Learning



Schematic representation of the structure of the compute cluster



Installed Software (selection)

Ansys Fluent
Abaqus
Comsol
Tensorflow
OpenFOAM

Ansys Rocky
Mathlab
PyTorch
LAMMPS
VASP

Hardware Specs

200 TFlops
3.872 CPU Cores
21.5 TB Ram
51.200 CUDA Cores

500 TB Storage NVMe and NL-SAS
200 GB Infiniband Network
47 powerful compute nodes



ICT and Digitalization

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