HPC Wiki TU Ilmenau

This is the tu ilmenau wiki for scientific computing.

To access the Compute-Servers of TU-Ilmenau you need to fill out the Application Form to get your account. Please send the signed form as a scan to hpc@tu-ilmenau .
Useful Hints

Remote Visualization

HPC interactive session manager
HowTo
FAQ

Software

Software Environment with ''module'' command

Multi purpose

Matlab
Mathematica
Maple

Simulation

Ansys
Comsol
MSC

Visualization

Tecplot
Fieldview
Ensight

Intel Compiler-Debuger-Profiler
Julia
Totalview

GPU Computing

Blender
Gurobi

HPC Filesystem

HPC Filesystems

Batch Jobs Commands

LSF Common Commands

HPC Training & Courses

PRACE Training Portal
Gauss Allianz: HPC events and trainings in Germany

TU IL HPC Hardware

MassivParallelComputeCluster 4th generation (MaPaCC4) + GPU Cluster

Additional HPC Ressources

TU IL Gitlab Service
TU IL Cloud Service
TU IL Jupyter Hub
TU IL Research Data Management
HS-ITZ AG Scientific Computing
HPC Hardware History

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