

With its 10000 CPU cores, SMP nodes with 1TB memory, and 32 nVIDIA K20 and 8 Intel Xeon Phi accelerators, OCuLUS offers a good basis for an OTF Compute-Center.

We present the architecture and the infrastructure of the new high performance cluster OCuLUS. This also includes the current and upcoming integration in the university infrastructure. We give information on how to get access to OCuLUS and how to use the system.