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Quick News

New MD software modules

A new module for the CP2K software package has been made available on the Meggie cluster.

LAMMPS is now available as a module on the Emmy and Woody clusters. LAMMPS was built with OpenMP and Kokkos support as well as CUDA support for use on TinyGPU.

New LIKWID release

Version 5.2.0 of the LIKWID tool suite has just been released. See the [news item on our website](#) for a list of updates.

KONWIHR proposal deadline on September 1

KONWIHR project proposals can be submitted anytime, but they will only be reviewed at semi-annual intervals. The next deadline is September 1, so if you have a project that is in line with KONWIHR's list of [eligible activities](#), now is the time to get into gear.

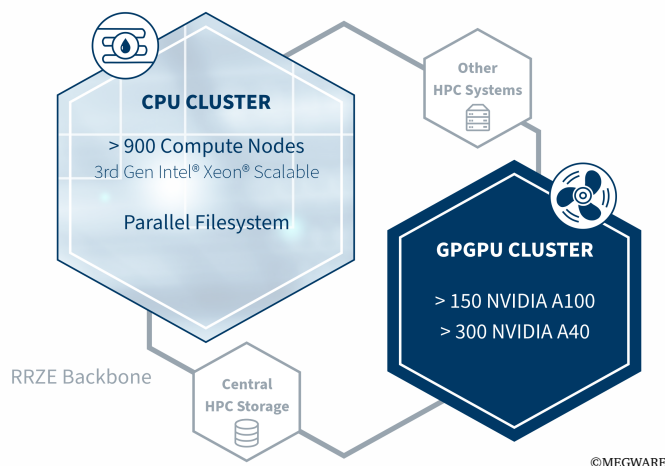
Missed a talk?

The NHR@FAU YouTube channel at tiny.cc/YT-NHR-FAU provides recordings of some talks, lectures, and courses, as far as this is covered by copyright restrictions.

Welcome to the NHR@FAU newsletter! This is where we publish a summary of latest news, past and upcoming events, and frequently asked questions with their answers. Every newsletter will also highlight one NHR@FAU employee so you gradually get to know who is behind this new organization.

Breaking News: NHR@FAU and RRZE to Install New Cluster System From MEGWARE

Late in 2020, NHR@FAU put out the first NHR system for tender. At a total volume of 10 million €, this is the largest parallel computer ever to be installed at FAU. After a fierce competition, *MEGWARE Computer Vertrieb und Service GmbH* from Chemnitz, Germany came out first in the ranking of bidders. In the Q4/21–Q1/22 timeframe, a three-part system will be installed.



Besides a traditional multicore-based cluster with about ten times the peak performance of Meggie, two GPGPU partitions will be tailored to the needs of Molecular Dynamics (MD) and Artificial Intelligence (AI) researchers. A part of the computational resources will be dedicated to Tier-3 customers from FAU and Northern Bavaria, and will thus be available with a low entry threshold. The rest will be accessible after a scientific and technical review process, the structure of which is currently being discussed among the NHR centers.

NHR PerfLab Seminar Series

The NHR PerfLab seminar series has gained considerable momentum. It provides a platform for the presentation of high-profile research conducted in and around the NHR centers. From April to June, guest speakers from KIT Karlsruhe, Saarland University, Fraunhofer ITWM, ZIB Berlin, Intel, and FAU have shared their wisdom about various current research topics. If possible, presentation slides and video recordings are made available on the [PerfLab Seminar website](#).

