

Seminar

HPC Lab · CDS

Wednesday, December 20, 2023

4–5:30 p.m.

Seminar Room 1

Mathematical Institute

University of Cologne

Weyertal 86–90

Speaker:

Prof. Dr. Matthias Müller

RWTH Aachen University

Center for
Data and
Simulation
Science

NATIONAL HIGH-PERFORMANCE COMPUTING IN GERMANY

NHR AND NHR4CES

The NHR Alliance (www.nhr-verein.de) pools the resources and expertise of high-performance computing at universities and makes them available to scientists at German universities free of charge. The NHR Alliance does not only provide computing capacity, but also supports users, in particular by providing advice and training in the use of high-performance computing in their fields of application. The services offered by the national

network cover a large range of topics and are accessible nationwide. NHR is jointly financed by the federal and state governments. This talk provides an overview of this funding instrument – launched in 2021 – and the nine funded NHR centers. The second part of the talk focuses on NHR4CES (www.nhr4ces.de), the NHR center for Computational Engineering Science, jointly operated by RWTH Aachen University and TU Darmstadt.

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