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High Performance Computing at the University of Bonn

High Performance Computing (HPC) leverages the power of multiple compute nodes and architectures to solve complex problems, often with large data sets. Typical applications range from large scale simulations to machine learning and data analysis. The University of Bonn maintains several HPC clusters for specialized and general purposes, such as a massively parallel computing system with GPU accelerator partitions. This poster gives an overview of the HPC infrastructure and its future development, use cases as well as the HPC & Analytics Lab team, which is the main contact for scientific questions from HPC users of the University. We also briefly discuss the importance of research data management in the context of HPC.

Primary author: PETERSEN, Malte (uni-bonn)

Presenter: PETERSEN, Malte (uni-bonn)

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