



Parallel Computing and I/O

2021

- ▶ Performance analysis of MPI-based FEniCS/PETSc models in pyMOR (Josefine Zeller)
- ▶ Performance and resource usage analysis of a GPU-accelerated model order reduction software (Adrian Schulze)
- ▶ Analysis of Elastic Cloud Solutions in an HPC Environment (Johannes Coym) [UHH]
- ▶ Design and Implementation of an Object Store with Tiered Storage (Till Höppner)
- ▶ Scimon - Scientific Monitor for Automated Run Logging and Reproducibility (Daniel Bremer) [UHH]
- ▶ HDF5-Zugriffsmusteranalyse zur Datenbankabstrahierung (Karl Lobedank)
- ▶ Performance modeling of one-sided and two-sided MPI-3 communication (Niclas Schroeter) [UHH]
- ▶ Containerizing a user-space storage framework for reproducibility (Marcel Papenfuss) [UHH]
- ▶ Message passing safety and correctness checks at compile time using Rust (Michael Blesel) [UHH]