

Dr. Sarah M. Neuwirth

Goethe-University Frankfurt



Dr. Sarah M. Neuwirth is a postdoctoral researcher in the Modular Supercomputing and Quantum Computing Group at Goethe-University Frankfurt, Germany. She also holds a Visiting Researcher position at the Jülich Supercomputing Centre since 2021. Sarah is currently working on her habilitation thesis, which is a qualification required to obtain a full professorship in many European countries. In 2018, she was awarded her Ph.D. in Computer Science from the Heidelberg University, Germany. She was honored with the "ZONTA Science Award 2019" for her outstanding dissertation. Her research mainly focuses on parallel file and storage systems, modular supercomputing, benchmarking, high-performance network communication, and parallel I/O optimization. Sarah has worked on numerous research collaborations including working with: the Jülich Supercomputing Centre (DEEP Project Series, EUPEX), ParTec, CEA, Intel, the Oak Ridge National Laboratory, and the Virginia Polytechnic Institute and State University. Her projects are funded by EuroHPC JU, the European Commission, the Federal Ministry of Education and Research (BMBF), DOE, ORAU, and ORNL.