



Contribution ID: 117

Type: **Poster**

HPC and AI in Germany: Resources and Support

Wednesday 26 February 2025 19:40 (20 minutes)

Researchers from a broad spectrum of scientific fields use computers to aid their research, often starting at their own laptop or institutional workstation. At some point in the research, additional help in form of algorithmic or software engineering consultancy or even additional computational resources in form of access to high-performance computing (HPC) systems may become necessary. Furthermore, on the side of AI, it may be unclear how practices of machine learning and artificial intelligence could be employed for their specific research.

This poster aims at enabling researchers to **identify resources for computing time, application support and training** on topics of **HPC** and **AI**, by presenting a collection of contacts and further information on initiatives in Germany to aid them in their work. **It ties together resources, both on the state level**, with information on HPC competence networks, **as well as the national level**, with information on the NHR initiative (Nationales Hochleistungs-Rechnen), the National AI Service Centers, as well as national resources of the Helmholtz Association. As such, **it enables participants at the conference**, as well as anyone viewing the poster later, to **identify quickly contacts close to their institution or domain to receive assistance with HPC and AI services**.

I want to participate in the youngRSE prize

Primary author: HERMANNNS, Marc-Andre (RWTH Aachen University)

Presenter: HERMANNNS, Marc-Andre (RWTH Aachen University)

Session Classification: Poster and Demo Session together with Reception

Track Classification: Research Software: high-performance computing (HPC)