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Type: **Keynote Talk**

Challenges and Opportunities of HPC in the age of AI

Monday, 1 December 2025 17:00 (45 minutes)

Large scale AI applications are drivers for the design and deployment of the next generation of supercomputers. While large language model training and generative AI applications take the headlines, scientific workloads are starting to utilize AI as algorithmic extensions to their existing implementations. We will discuss how the needs between these communities differ, how system software and system middleware need to develop to support these use cases, and hopefully demonstrate how once again supercomputing turns compute-bound problems into I/O-bound problems.

Presenting Author

Email

Student or Postdoc?

CHPC User

CHPC Research Programme

Workshop Duration

Primary author: Dr HAUS*, Utz-Uwe (HPE HPC/AI EMEA Research Lab (ERL))

Presenter: Dr HAUS*, Utz-Uwe (HPE HPC/AI EMEA Research Lab (ERL))

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