natESM

Contribution ID: **12**   Type: **not specified**

GPUs for Exascale: Introduction to the JUPITER System and its GPUs

Tuesday, 5 November 2024 09:15 (1h 30m)

With JUPITER, Europe's first exascale system is right on the doorstep. The system features two modules, a CPU-centric JUPITER Cluster and a highly-scalable JUPITER Booster, using nearly 24 000 GPUs for 1 EFLOP/s of sustained HPL performance. The talk will introduce the JUPITER system design, the current status, and key defining features of the GPU technology selected to enable this computational milestone in Europe.

Presenter: HERTEN, Andreas (+Team)