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Exascale challenges

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High-performance digital technology has entered a new era in recent years with the arrival of exascale. Anticipated by experts for more than ten years, exascale is supposed to respond to increasingly varied uses that go far beyond traditional numerical simulation. Data processing and AI are shaking up the HPC landscape and have implications at all levels, from hardware to software, at the application level and the role of the supercomputer, which is losing its central role in the data processing chain.

During this presentation, we will present the current and future supercomputing landscape and we will illustrate with a few examples the issues linked to exascale.

Desired slot length

Speaker release

Yes

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