

Séminaire Aristote "Quelles architectures pour les simulations de demain?"

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Architecture for extreme scale simulation

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Simulation is a fundamental tool for sciences discoveries ; but we are now challenged by the energy wall, the cost of the systems, the tsunami of data, the complexity of scaling, and so on.

To pursue on the Moore Law track we need a fundamental transformation that the HP-labs are exploring since years. We are now in the development phase of first bricks of that future infrastructure called "The Machine".

We will expose the core technologies that will enable that disruption and the impact on our ecosystem.