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The European HPC strategy and implementation

Tuesday, 25 September 2018 10:30 (30 minutes)

The presentation reviews recent developments in the European HPC strategy towards exascale, ranging from the development of low-power microprocessor technologies to Centres of Excellence in HPC applications. In order to meet the challenges ahead, the European Commission proposes to join forces with Member States and relevant stakeholders in HPC and big data and to establish the EuroHPC Joint Undertaking. Its mission is to develop, deploy, extend and maintain an integrated world-class supercomputing and data infrastructure and to develop and support a highly competitive and innovative High-Performance Computing ecosystem. The main characteristics of the new funding body, starting operations already in 2019, are introduced. The presentation will also touch on some aspects of the European Commission proposals for the next long-term EU budget for 2021-2027 and in particular the Digital Europe Programme, where HPC features prominently.

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