



PLENARY SESSION

The European Data Economy, High Performance Computing, Data Access and sharing

by

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Abstract

The lecture focuses on some of the Union's initiatives to enable the digital transformation of our economy. The lecture will start with a brief description of the Digital Decade framework, guiding all actions related to digital and aiming at ensuring that all aspects of technology and innovation work for people, touching upon its targets, objectives and policy programme. The second part will describe some of the initiatives aimed at accelerating the adoption of advanced digital technologies and enhance numerical and symbolic computation, with particular reference to the Horizon Europe's Joint Undertakings on High Performance Computing and on Chips/Key Digital Technologies, and the European Institute of Technology and Innovation. The final part of the lecture will be dedicated to the Data Act regulation, which is aimed at enhancing data access provisions and harness the potential of the ever-increasing amount of industrial data, and to the proposals to create European Data Spaces to overcome legal and technical barriers hampering data sharing across the Union.