NDIGO-DataCloud, the European Scientific Cloud Platform
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Content:
Beginning of April 2015, INDIGO-DataCloud, an EU Horizon 2020 funded Project will be launched, with 26 academic and industrial partners coming from 11 European countries. The project aims for an Open Source Data and Computing platform targeted at scientific communities, deployable on multiple hardware, and provisioned over private and public e-infrastructures. The platform will be composed from improved and new developed components throughout the entire cloud software stack, from IaaS and PaaS layers up to the scientific computing portals, gateways and workflows, providing thus a basis for Virtual Research Environments that could be further tailored to needs of specific scientific communities. Specific emphasis is given to close interaction with different scientific communities the platform is primary aiming for. The INDIGO-DataCloud platform different layers are handled by dedicated groups of experts organized in different project workpackages. The quality of the software developed will be taken care of by additional workpackages responsible for the state-of-the-art software development, certification and deployment management.

The presentation will give a first info about the project short and midterm goals, the technology areas it focuses on and will draw a draft picture of the platform overall design.

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Track classification: Virtual Research Environment (including Middleware, tools, services, workflow, ... etc.)

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