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## Data-NG: A distributed Ceph infrastructure

*Wednesday 26 April 2017 12:00 (25 minutes)*

Since 2012, 8 physics labs from Orsay/Saclay work together to provide a efficient and resilient scientific computing infrastructure. After building shared hosting facilities, this year, the 8 labs IT submitted a project to build a distributed data infrastructure based on Ceph technology that got funded at the end of 2016. The objective is to deploy on 3 sites, connected with a 100G network, 1 PB of usable storage for different use cases from cloud to shared file systems. We will present this project, which involves 10 peoples from the differents labs, and the design choices.

### **Length of talk (minutes)**

15

### **Scheduling constraints / preferences**

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