

## EOS Workshop



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# Russian Federated Data Storage System Prototype

*Friday, 3 February 2017 10:00 (20 minutes)*

In our talk we will cover development and implementation of federated data storage prototype for WLCG centers of different levels and university clusters within one Russian National Cloud. The prototype is based on computing resources located in Moscow, Dubna, St.-Petersburg, Gatchina and Geneva. This project intends to implement a federated distributed storage for all kind of operations with access from Grid centers, university clusters, supercomputers, academic and commercial clouds. The efficiency and performance of the system are demonstrated using synthetic and experiment-specific tests including real data processing and analysis workflows from ATLAS and ALICE experiments. We will present topology and architecture of the designed system and report performance and statistics for different access patterns.

**Primary authors:** Mr KIRIANOV, Andrey (Petersburg Nuclear Physics Institut (RU)); ZAROCHENTSEV, Andrey (St Petersburg State University (RU)); KLIMENTOV, Alexei (Brookhaven National Laboratory (US)); PETROSYAN, Artem (Joint Institute for Nuclear Research (RU))

**Presenter:** Mr KIRIANOV, Andrey (Petersburg Nuclear Physics Institut (RU))

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