Russian academic institutes participation in WLCG DataLake project

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WLCG DataLake R&D project aims at exploring an evolution of distributed storage while bearing in mind very high demands of HL-LHC era. Its primary objective is to optimize hardware usage and operational costs of a storage system deployed across distributed centers connected by fat networks and operated as a single service. Such storage could host a large fraction of the WLCG and other mega-science experiment's data while eliminating inefficiencies due to various levels of fragmentation. In this talk we will explain Russia's and in particular NRC "Kurchatov Institute's" role in the DataLake project with highlight on our goals, achievements and future plans.

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