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Baltic CMS TIER II HPC grid –a scaleable federated cloud for CERN’s CMS computational needs

Recap on recent meeting with members from the CERN Offline Computing team - an overview of CERN CMS experiment annual increase in computational and data storage requirements. Proposed architecture of federated cloud based TIER II HPC site piloted by the Riga Technical University and the University of Latvia. Opportunity to expand it to a Baltics scale scientific HPC resource pool.

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