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PanDA for COMPASS at JINR

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PanDA (Production and Distributed Analysis System) is a workload management system, widely used for data processing at experiments on Large Hadron Collider (LHC) and others. COMPASS is a high-energy physics experiment at the Super Proton Synchrotron (SPS). Data processing for COMPASS historically runs locally at CERN, on lxbatch, the data itself stored in CASTOR. In 2014 an idea to start running COMPASS production through PanDA arose. Such transformation in experiment's data processing will allow COMPASS community to use not only CERN resources, but also Grid resources worldwide. During the spring and summer of 2015 this work is being performed at JINR. Details and results of this process will be presented in this report.

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