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Status of the RDMS CMS Computing

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The Compact Muon Solenoid (CMS) detector is one of two general purpose experiments at the Large Hadron Collider (LHC) at CERN. CMS is a high-performance detector for seeking out new physics. The detector was designed and built by a worldwide collaboration of about two thousand physicists from more than 30 countries. Russia and Dubna Member States (RDMS) CMS collaboration involves more than twenty institutes from Russia and Joint Institute for Nuclear Research (JINR) member states. A proper computing grid-infrastructure has been constructed at the RDMS institutes for the participation in the running phase of the CMS experiment and the RDMS CMS computing centers have been integrated into the WLCG global grid-infrastructure providing a proper functionality of grid services for CMS. RDMS CMS computing infrastructure satisfies the LHC data processing and analysis requirements at the running phase of the CMS experiment. It makes possible for RDMS CMS physicists to take a full-fledged part in the CMS experiment at its running phase. An overview of RDMS CMS physics tasks and RDMS CMS computing activities is presented.

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