

Computing GRID for ALICE in Japan

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The A Large Ion Collider Experiment (ALICE) experiment is to study physics of strongly interacting matter and the quark-gluon plasma (QGP) in heavy ion collisions at Large Hadron Collider (LHC). The Global Resource Information Database (GRID) computing is the key function to analyze huge amount of data under the ALICE worldwide collaboration.

CERN is developing the computing GRID for the LHC experiment on a global scale, which is called Worldwide LHC Computing GRID (WLCG). In Hiroshima University, the GRID computing for the ALICE experiment is being established as a part of the WLCG in Japan.

In this presentation, we will introduce activities at the Hiroshima computing GRID for the ALICE/PHOS data analysis and discuss possible simulation output through performance of the computing GRID.