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Experiences with the gLite Grid Middleware

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The ARDA project was started in April 2004 to support the four LHC experiments (ALICE, ATLAS, CMS and LHCb) in the implementation of individual production and analysis environments based on the EGEE middleware.

The main goal of the project is to allow a fast feedback between the experiment and the middleware development teams via the construction and the usage of end-to-end prototypes allowing users to perform analyses out of the present data sets from recent montecarlo productions.

The LCG ARDA project is contributing to the development of the new EGEE Grid middleware by exercising it with realistic analysis systems developed within the four LHC experiments. We will present our experiences in using the EGEE middleware in first prototypes developed by the experiments together with the ARDA project. We will cover aspects such as the usability of individual components of the middleware and give an overview on which components are used by which experiments.

Primary authors: DEMICHEV, A. (Moscow State University); MAIER, A. (CERN); PETERS, A. (CERN); KOBLITZ, B. (CERN); FEICHTINGER, D. (Swiss Institute of Particle Physics); LIKO, D. (CERN); ORELLANA, F. (CERN); HERRALA, J. (CERN); MOSCICKI, J. (CERN); LAMANNA, M. (CERN-IT); CHEN, T. (Academica Sinica, Nanking); POSE, V. (JINR, Dubna); UENG, W. (Academica Sinica, Nanking)

Presenter: KOBLITZ, Birger (CERN)

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