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Experiences with the gLite Grid Middleware

Wednesday, 29 September 2004 15:00 (20 minutes)

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.

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