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Powering the Grid: the EGEE project and the gLite Middleware Stack

Wednesday 26 August 2009 18:00 (45 minutes)

Enabling Grids for E-sciencE (EGEE) is Europe's leading Grid computing project, providing a computing infrastructure covering about 300 sites for over 10,000 researchers world-wide, from fields as diverse as high-energy physics, earth and life sciences.

The EGEE infrastructure is based on a Grid Middleware stack called gLite, which is integrated, certified and distributed by the project itself. gLite provides basic services covering security, information system, accounting, computing and storage. In addition, gLite includes also higher-level services for job management, data catalogs and data replication, providing applications with complete end-to-end solutions.

An overview of the EGEE project and of the gLite middleware will be presented, with their current status and an outlook about the expected evolution in the EGI era.

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