



Contribution ID: 41

Type: **Session**

## The Future of Grid Information Systems

### Session Description (include details of proposed agenda, potential speakers and expected outcomes)

The main focus is to present the common information, GLUE 2.0 and the adoption strategy for the EGEE infrastructure. EGI brings addition challenges, the main being decentralization of operations, which has implications for the bootstrapping of the information system. Approaches to dealing with this new paradigm in the information system are discussed along with related tools such as the link to the GOC Database. In addition, methods to improve the scalability are also discussed.

### Project(s) or EGEE activity presenting the demo or poster (project or activity names only)

SA3  
SA1

### Please indicate your preferred day to give a demo.

2

3

SA1  
SA3  
JRA1

### Special requirements other than the set up mentioned in the CfA text.

40

### Abstract

Grid Information Systems are mission-critical components in today's production Grid infrastructures. They enable users, applications and services to discover which services exist in the infrastructure and further information about their service structure and state. Over recent years, a number of Grid projects have emerged and have deployed Grid Information System to support their infrastructures. A significant amount of experience has been gained during this time and improvements have been made to increase the scalability, reliability and robustness of these systems. This session provides a consolation of this experience and a perspective towards the future direction of Grid Information Systems.

**Primary author:** Mr FIELD, Laurence (CERN)

**Presenter:** Mr FIELD, Laurence (CERN)

**Track Classification:** Software