

## **Mini-workshop – Call for Papers**

*UK e-Science All Hands Meeting – 2004*

### **Experiences in Running Production Grid Services**

In the first phase of the UK e-Science programme, prototype Grid services were mounted to gain experience, both from the standpoint of middleware technology as well as utility for application communities. In some cases these are now entering delivery of the first production quality services to science communities. There now exists a very significant pool of knowledge in this area where first hand experience has been gained.

There are a number of perspectives from which to examine this topic. At one end is the user perception of services provided (for example in terms of quality and functionality) and at the other is the integration of new technologies into a production environment. In between are views on operational principles, support mechanisms, resource provision, etc. Furthermore, with the advent of such projects as EGEE in Europe and related activities in the US, the topic of federating grid infrastructures is coming to the fore. Closely related to this are issues of policy, service level agreements and resource allocation.

It is the aim of this mini-workshop to draw on these experiences, to enable the sharing of accumulated wisdom and to expose some of the issues and problems encountered. The workshop will focus on general principles and strategy and will avoid too much operational or technical detail. Emphasis will be given to experiences in running grids that have delivered real, production-level services and have been exploited by one or more scientific communities.

A non-exhaustive list of possible themes might include the following areas (all within the context of a production grid environment):

- Resource provision
- Grid user support
- Grid operations
- Security
- Operational policies
- Federating production Grids
- End-user / applications view
- Achieving production quality infrastructure

All papers will be subject to peer review within the All Hands Meeting framework. Successful papers will be allocated time for presentation (including questions) within the mini-workshop. Papers unsuccessful in the mini-workshop will still be eligible for consideration in the main stream of the All Hands Meeting.

To submit a paper please see <http://www.allhands.org.uk/submissions/>.