Contribution ID: **30** Type: **Session**

Users on the Grid

Please indicate your preferred day to give a demo.

2hrs

3

HEP-NA4 cluster
LHC VOs
LHC beam team
Fusion-NA4 cluster
EnviroGrid project
ASGC (AvianFlu studies)

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

Grid support in HEP
How much can we virtualise user support?
Pros and Cons of supporting on a distributed infrastructure
Site readiness as seen by the applications
What do the users ask to the sites?
Low-impedence Grid access
What could Ganga do for my community?
Zero-training
Adoption examples

Outcomes
Sharing of the experience with support infrastructures (at least in HEP applications).
Status of application tools developed by user communities and shared across other communities

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

HEP-NA4 cluster and WLCG Support team

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

Large room will be needed, attendance over 80 persons can be well expected

Abstract

The long-term success of Grid computing does not depend only on functionality and resource availability. During EGEE it has become progressively clearer that committed user communities ask for a dependable computing environment allowing to expand the scope of their research. New communities are very interested to move to the grid if this can be done non-disruptively and progressively. Applications will use Grid for a fraction of their computing. Progressive adoption means that the application can scale up the usage alongside the investment requirement: asking upfront for large investment (in training, in application porting, etc…) is not the correct strategy. Finally (at least at very high-scale in terms of number of users or required resources) new problems for supporting established communities are being faced and we will discuss new issues are being tackled. In this session we will review several initiatives (including success stories) in the area of user and application support

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Track Classification: End Users (Applications)