

# **Collaborative Research** Initiatve





### JOB INTERACTIVITY USING STEERING SERVICE IN INTERACTIVE GRID ENABLED ANALYSIS ENVIRONMENT

Ali Arshad4, Anjum Ashiq4, Bunn Julian1, Cavanaugh Richard5, Lingen Frank1, McClatchey Richard 3, Newman Harvey1 Steenberg Conrad1, Thomas Michael1, Willers Ian2, Zafar Muhammad Adeel4

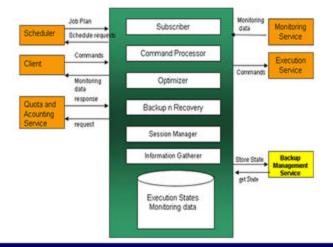
1California Institute of Technology Pasadena, CA 91125, USA 2CERN Geneva, Switzerland 3University of the West of England Bristol, UK 4National University of Sciences and Technology Rawalpindi, Pakistan 5University of South Florida, USA

Service that allows the physicists to interact with their jobs and autonomously moves jobs between different sites to optimize the resource quota of user and the job execution

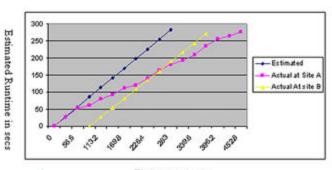
#### **SalientFeatures**

- 1) Provides real time job feedback
- 2) Allow physicists to control their iobs
- 3) Optimize the execution of jobs and resource quota of physicists 4) Ensures reliable execution of
- 5) Provides web service API and JSP based web interface

## Archi tecture



### Results



Elapsed time in secs

#### UserInterface

