

# Open Science Grid

## One Grid Among Many

Ruth Pordes  
Fermilab

The Open Science Grid Consortium brings the grid service providers - middleware developers, cluster, network and storage administrators, local-grid communities - and the grid consumers – from global collaborations to the single researcher, through campus communities to under-served science domains - in a cooperative to share and sustain a common heterogeneous distributed facility in the US. Grid providers serve multiple communities; Grid consumers use multiple distributed facilities.

The OSG environment interoperates, interfaces and overlaps with: international and national infrastructures - EGEE, TeraGrid; a growing number of campus grids - GLOW, GROW, GRASE, FermiGrid, Crimson Grid, TIGRE; as well as the end-user distributed systems – LIGO Data Grid, CMS and ATLAS distributed analysis systems, Tevatron SAMGrid, and STAR Data Grid.

I describe OSGs status and program of work as influenced by its place in this eco-system.