

e-Infrastructure in Europe

The European Commission supports EGEE (Enabling Grids for E-sciencE) and a few related e-Infrastructure projects (DEISA, SEE-Grid, Diligent) that provide access to IT-resources (connectivity, distributed computing resources, including supercomputers, data, digital libraries, instrumentation) for scientists both on an international and regional level. EGEE is a project that aims to integrate current national, regional and thematic Grid efforts, in order to create a seamless Grid infrastructure for the support of scientific research. The infrastructure supports distributed research communities, which share common Grid computing needs and are prepared to integrate their own computing infrastructures and agree on common access policies. Several scientific disciplines as well as industry have already ported applications on the EGEE Grid infrastructure thus demonstrating the potential of Grid technology as a powerful new tool for science as well as other fields. The talk will review the overall Grid project activity supported by the EU and provide an update on the first preliminary results of EGEE (www.eu-egee.org).