



Euro-Par 2006

Dresden, Germany

29th August - 1st September 2006

Grid Village in conjunction with Euro-Par 2006



In 2003, German scientists, scientific organizations and the German Ministry for Research and Education (BMBF) started the e-Science initiative with the vision of a new quality of digital scientific infrastructure which will enable our globally connected scientists to collaborate on an international basis; exchange information, documents and publications about their research work in real time; and guarantee efficiency and stability even with huge amounts of data from measurements, laboratories and computational results.

Part of this e-Science Initiative is D-Grid, a 20 Mio Euro project which started on September 1, 2005. The goal is to design, build and operate a network of distributed, integrated and virtualized high-performance resources and related services to enable the processing of large amounts of scientific data and information. D-Grid currently consists of a grid infrastructure project and six community projects in the areas of high-energy physics, astrophysics, medicine and life sciences, earth sciences (e.g. climate), engineering sciences, and scientific libraries.

In the D-Grid exhibition booth, these seven projects will each present an overview of their goals, achievements and current status, in areas such as resource management and monitoring, user portals and interfaces, storage management and archiving, metadata and data management, license management, accounting, virtual organizations, security, privacy, basic grid services, business models and reliability, and applications.