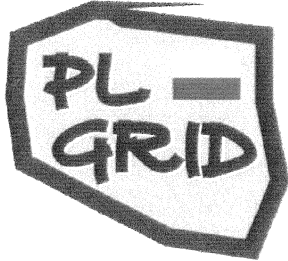


Polish Grid Initiative - PL Grid



The Polish Grid Initiative – PL-Grid project – has been started on 1 January 2009 and will last for the next 3 years. The main goal of the Project is to provide the Polish scientific community with an IT platform based on Grid computer clusters, enabling e-Science research in various fields.

PL-Grid aims at significantly extending the amount of computing resources provided to the Polish scientists (by approximately 215 TFlops of computing power and 2500 TB of storage capacity) and constructing a Grid system that will facilitate effective and innovative use of the available resources.

The e-infrastructure developed in the framework of the Project will provide a basis on which to build specialized systems for various fields of science, involving services and tools dedicated to specific applications. The solutions applied in setting up this e-infrastructure will ensure integration with other, similar platforms around the world.

The users of PL-Grid computational resources can count on the support and professional help in solving various problems concerning access to and performing computations on these resources. We offer: 1) technical support in the adaptation of software tools to enable them to function under new conditions; 2) help in running scientific software packages on distributed computational resources; 3) technical support in the development of custom scientific applications and their deployment on the PL-Grid infrastructure.

At the PL-Grid booth various disseminative materials will be available and we will present a short movie advertising the Project and its offer. In the movie, among other things, we will introduce some of the advanced services which are being developed within the PL-Grid:

- Gridspace Virtual Laboratory, which is equipped with tools for user-friendly experiment creation and execution, as well as integration of geographically-distributed compute and data resources,
- SLA Management with Bazaar portal - a web platform designed to facilitate resources management process for both users and resource providers.

PRACE- Partnership for Advanced Computing in Europe



The Partnership for Advanced Computing in Europe (PRACE) prepares the creation of a persistent pan-European HPC service, consisting of several tier-0 centres providing European researchers with access to capability computers and forming the top level of the European HPC ecosystem. PRACE is a project funded in part by the EU's 7th Framework Programme. The PRACE project receives funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n=B0 RI-211528.