



Dear Sir/Madam,

In our days the collaboration between researchers in projects with intensive computing requires sharing resources from different institutions. The Grid technology offers a solution to individual researchers to access those resources uniformly, through a friendly desktop interface with powerful visualization and communication capabilities. As the Web provides a way to share and access distributed information, the Grid enables sharing and accessing computing and storage power, using also the global network, Internet.

*The **Interactive European Grid** offers now the possibility of using the computing power of an e-Infrastructure (distributed clusters with hundreds of processors), storage (servers with several terabytes of capacity) and remote interaction (through Access Grid rooms) to European researchers in projects, with the support of 13 European institutions from Spain, Portugal, Germany, Poland, Austria, Ireland and Slovakia.*

As an example, fusion researchers use the Interactive European Grid to interactively study the simulation of particle transport inside a Stellarator, including 3D visualization. Executing a parallel version of their program code multiplies simulation speed by a large factor.

Researchers enter the Interactive European Grid through a Portal, using a digital certificate; they become members of a Virtual Organization (VO) that will support their work with other colleagues in the same area, being able to share results, experience, and resources as desired. **Examples of these Virtual Organizations include areas like biomedicine, environment and physics, and new ones will be created on demand.**

More specifically the project offers researchers support to:

- *Adapt and improve the applications to the Grid framework (including parallelization, powerful visualization, etc.)*
- *Create a new Virtual Organization to collaborate*
- *Access existing resources in the Interactive European Grid e-Infrastructure (more than 100 cpu's can be used in parallel in interactive mode)*
- *Integrate, if desired, own resources in a Grid framework.*

This support includes:

- *Technical assistance and consultancy*
- *Grid tutorials and seminars on Grid technologies*
- *General dissemination material (brochures, posters, presentations).*

This User Questionnaire is one of the initiatives undertaken in the framework of the dissemination activity of the Interactive European Grid project, funded by the European Community under the Research Infrastructures activities.

In case you are interested we kindly ask you to contact our project office (inteugrid-office AT ifca.unican.es) or any of the experts listed in the additional information provided below.

In any case, we would much appreciate if you could also provide us with your data listed on the next page. We will use it to gather information about all people potentially interested in Grid and in our Project. Many thanks in advance.

*On behalf of the Interactive European Grid Consortium
Dissemination and Outreach Team*