

# The IRISGrid Infrastructure: Seamless Support for VOs

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## **Mots clefs**

Grid, Virtual Organization, e-science, collaboration

## **Résumé**

This talk will introduce the services offered by the IRISGrid infrastructure, the e-science support system in deployment by the Spanish NREN RedIRIS.

The IRISGrid services intend to support all the aspects of the e-science paradigm, enabling users not only to « plug-and-play » when trying to access resources, but also to let the resources they want to share to « plug-and-be-played ».

This implies that the IRISGrid infrastructure comprises, on one side, all those services traditionally offered by Grid platforms, such as PKI support for authentication, computational job scheduling, and monitoring of the computing and storage services. On the other side, we have tried to apply the virtual organization paradigm to many other services usable for collaboration, providing an integrated and seamless environment to support scientific collaboration.