

# Embrace WP3 meeting

*Vincent Breton*

*Chargé de Recherches au CNRS*

<http://clrpcsv.in2p3.fr>





- **WP3 goal: initiate a grid-based infrastructure for bioscientists**
  - Making available most of the popular databases and software products
  - Taking away the need for maintaining local copies of databases and software
  - Taking advantage of the existing european national and international grid infrastructures and the services they provide

- **Objectives**

- Recommendation for technological choice to the *Content Integration* work packages and to the *Tools Integration* work package at project month 18
- Technology watch during the project lifetime as grid technology is in constant and quick evolution

- **Description of work**

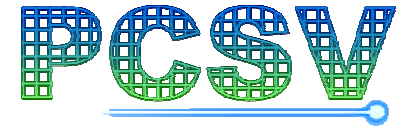
- Evaluation of existing technologies for data and tools integration and deployment
- Evaluation of existing technologies against user/provider requirements

- **Issues**

- Which technologies to evaluate ?
  - Shall we look at all the middlewares available or only at the middleware deployed on production environments
- Against which requirements ?

# WP3.2 test problems analysis, deployment and evaluation

Plateforme de Calcul pour les Sciences du Vivant



- **Objectives: deployment of 3 test cases**
  - Distribution and update of biological data bases in a grid environment, led by BMC
  - grid portal BioASP, led by CMBI
  - Computer intensive applications, led by SIB
- **Description of work**
  - Analysis of test cases
  - Deployment of test cases
  - Methodologies for evaluation
  - Evaluation
- **Issues**
  - Expression of requirements from test cases (needed for WP3.1, evaluation of mw)
  - How to start ? Which test cases to deploy first ? Where ?

- **Objectives**

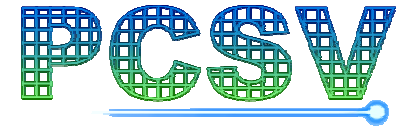
- To stand at the interface between the project and the grid infrastructures.
- To evaluate existing infrastructures for the deployment of EMBRACE gridified tools and data bases
- Provide support to the technology adopted within the project

- **Description of work**

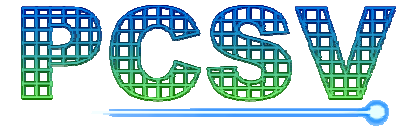
- Evaluation of Grid infrastructures for bio-informatics applications
- Security
- Support to creation of virtual organisations and/or virtual services
- Support to technology adoption

- **Issues**

- Which infrastructures to evaluate (national grid initiatives, european projects,...)
- How to evaluate the infrastructures (resources available to life sciences, ...)
- Interest to start Embrace VOs for test case deployment



- **Where?** Clermont-Ferrand (France)
- **When?** 25<sup>th</sup>-27<sup>th</sup> July 2005
- **How to register?** <http://tutorial.healthgrid.org> (soon available)
- **Registration fees?** NO
- **Preliminary agenda:**
  - Monday (Noon – 19:00)
    - Taverna *Tutorial*
  - Tuesday – Wednesday (noon)
    - EGEE (*Introduction to Grid, LCG2.x.x, gLite, Hands-on*)
- **Who?** Embrace Post-docs, EGEE Biomed People



- **Evaluation of middlewares deployed on grid infrastructures in Europe**
- **High level services and tools**
- **Interfacing high level services and tools with underlying middlewares**
- **WP3 test cases**
- **Open discussion**