

Bioinformatics and Grid

On the way to ordinary usage

*EGEE 09,
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- **Broad scientific domain**
 - molecular simulations, systems biology, structural biology, oncology study at the molecular level, genome wide association studies of human complex diseases, binding of protein and DNA in the cell nucleus, complete genome comparison, protein sequence or genome analysis, *etc.*
- **Bioinformatics applications using regularly the grid and, *in extenso*, high-throughput infrastructures.**
- **Challenging points still on developments.**

Wednesday, 23 September 2009

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| 17:00 | [286] Grand challenges in computational Biology. In and out of the GRID by Dr. Modesto OROZCO (Institute for Research in Biomedicine (IRB Barcelona)) (Sant Gervasi: 17:00 - 17:40) |
| | [287] Bioinformatics GRID and HPC challenges in Biomedicine and Biosciences  slides by Dr. Luciano MILANESI (National Research Council - Institute of Biomedical Technologies) (Sant Gervasi: 17:40 - 18:00) |
| 18:00 | [288] e-NMR: Structural Biology on the GRID by Dr. Tsjerk WASSENAAR (Bijvoet Center for Biomolecular Research, Universiteit Utrecht (BCBR)) (Sant Gervasi: 18:00 - 18:20) |
| | [289] Bioinformatics Applications in the Spanish Network for e-Science  slides by Dr. Ignacio BLANQUER (UPV - ITACA - GRyCAP) (Sant Gervasi: 18:20 - 18:40) |
| | [290] Discussion (Sant Gervasi: 18:40 - 19:00) |