



Enabling Grids for E-science

Welcome to the High Energy Physics Session

*Wednesday, 4th of March 2009
EGEE UF4, Catania.*

www.eu-egee.org



- **1st Session (11:00 - 12:30)**

- *Jump to the modification interface* World-wide daily computing operations in ATLAS.
 - **Schovancova JAROSLAVA (Institute of Physics, ASCR v.v.i. and CESNET)**
- *ATLAS Distributed Analysis tests in the Spanish Cloud*
 - **Santiago GONZALEZ DE LA HOZ (IFIC-Valencia/CERN)**
- *Monitoring the ATLAS distributed production*
 - **Benjamin GAUDIOZ (CERN)**
- *The commissioning of CMS computing centres in the WLCG Grid*
 - **Josep FLIX MOLINA (CIEMAT)**

- **2nd Session (14:00 - 15:30)**

- *Porting AITLC product through a master/worker scheme*
 - **Alejandro LORCA (Universidad Complutense de Madrid)**
- *CRAB: the CMS distributed analysis tool on EGEE/WLCG infrastructure*
 - **Federica FANZAGO (CNAF Bologna and CERN)**
- *Lattice QCD 2008: large-scale usage of the Grid for theoretical physics*
 - **Jakub MOSCICKI (CERN)**

- **The HEP Grid Environment**
 - 2010 is THE year for the LHC and the WLGCE/EGEE infrastructures
 - All the infrastructures established in terms of support, services and operation protocols will begin to face real conditions
 - New era: moving from well established MC productions to non scheduled user analysis
 - ALL Experiment computing models, generic applications, Grid services and support/operations protocols interacting together in a fully synchronized way
 - Large experience gained through many experiment data challenges, services challenges, CCRC08, etc
 - **User analysis gains now a special importance**

- **The key aspects of this session are the following:**
 - To show real examples of the experiment infrastructures before the real data taking
 - Schovancova, Santiago and Josep with interesting contributions from the largest HEP experiments: ATLAS and CMS
 - Status of the specific HEP cluster products towards the user analysis era
 - Analysis environment for HEP experiments: Federica for CMS
 - Monitoring: Benjamin for ATLAS
 - Generic UIs and resources usage optimization: Kuba and Alejandro
 - Data Management
 - *Not represented in this session but fully covered at the UF*
 - HEP beyond HEP: The collaboration with other EGEE communities is one of the central goals of the HEP cluster
 - HEP/Fusion demo yesterday

- **All clusters and applications are really welcome**
 - The experiences and issues shown in this session can be applicable and reproduce for any other application
 - The HEP cluster is pleased to collaborate with other applications within EGEE
 - **All experts are around these days**
 - **Discussions inside and outside the sessions are highly encouraged**