Contribution ID: **430**   Type: **Poster**

IFIC-Valencia Analysis Facility

Tuesday 22 May 2012 13:30 (4h 45m)

The ATLAS Tier3 at IFIC-Valencia is attached to a Tier2 that has 50% of the Spanish Federated Tier2 resources. In its design, the Tier3 includes a GRID-aware part that shares some of the features of Valencia's Tier2 such as using Lustre as a file system. ATLAS users, 70% of IFIC's users, also have the possibility of analysing data with a PROOF farm and storing them locally.

In this contribution we discuss the design of the analysis facility as well as the monitoring tools we use to control and improve its performance. We also comment on how the recent changes in the ATLAS computing GRID model affect IFIC. Finally, how this complex system can coexist with the other science applications running at IFIC (non-ATLAS users) is presented.

Author: Mr VILLAPLANA PEREZ, Miguel (Universidad de Valencia (ES))

Co-authors: FERNANDEZ CASANI, Alvaro (Universidad de Valencia (ES)); ATLAS, Collaboration (Atlas); OLIVER GARCIA, Elena (Universidad de Valencia (ES)); SANCHEZ, Javier (Consejo Superior de Investigaciones Cientificas (CSIC)-Universi); SALT, Jose (Instituto de Fisica Corpuscular (IFIC) - Universidad de Valencia); KACI, Mohammed (IFIC - Valencia - Spain); VICTORIA, Sanchez Martinez (IFIC-Valencia); Dr GONZALEZ DE LA HOZ, Santiago (IFIC-Valencia)

Presenter: Mr VILLAPLANA PEREZ, Miguel (Universidad de Valencia (ES))

Session Classification: Poster Session

Track Classification: Computer Facilities, Production Grids and Networking (track 4)