



CMS-UniAndes Group Meeting

Work report

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This is what's

- Started migration to CMSSW
- Design and implementation has improved: the main difference is the addition of a generic configuration file which in time will deal with:
 - software/hardware configuration
 - access of information from a database
- I have created my own Toy database (MySQL) and use ROOT to access read/write methods
- It is foreseen that for the RBC-Technical Trigger there will be database objects that should be accessed with POPCON (CMSSW)
- It is not clear to me at the moment what Objects Should be contained/access: this is something I need to dig into for the incoming weeks

- I have been studying the following Papers:
 - New Variable for QCD rejection
 - Using Kinematic Characteristics to Identify Squarks and Gluinos
 - Multilepton Signal for SUSY Particles in the Fermilab Tevatron Data?
 - Search for New Particles Leading to Z+Jets Final States in $p\bar{p}$
 - Background Modeling in New Physics Searches Using Forward Events at LHC

- I hope I can give an overview of them very soon

- All articles linked in our TWiki page

- Appointment to meet Jeff Richmann (Convener of SUSY-Leptonic): this Friday 2pm

References

- [1] Loddo F. *An RBC based Technical Trigger for the CMS Experiment*. xxxxx, Valencia, 2007.