

Production of SUSY Germany Files



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DESY

Outline:

- **Introduction** *Why are we doing it?*
- **Status** *What is the current status?*
- **Outlook** *Future plans...*

About 3 weeks ago, the idea came up to:

- Have standardized datasets for all SUSY groups in Germany (and elsewhere).
- Benefit from a common basis.

Also, for DESY-HH:

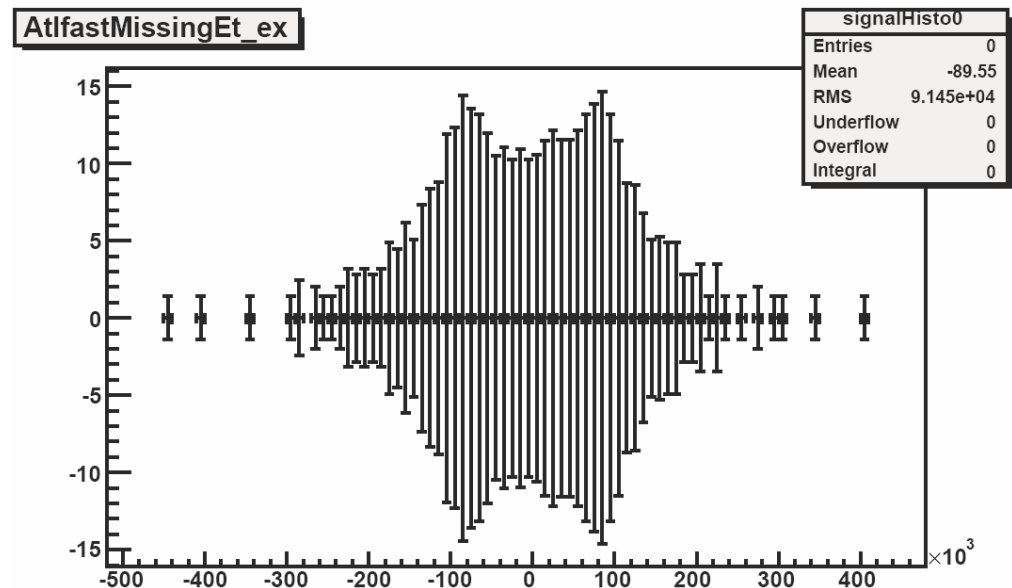
- Test and use the grid and local computing environment.
- Try to identify problems with the setup now instead of when the real data comes in.
 - Bring these problems to the attention of the local computing/grid guys.

Almost standard SUSYView production:

- Except that we have a lower p_T cut for taus at 15GeV.
 - Safe since there is no overlap removal between taus and jets.

Tasks:

- Run small test jobs (~few events) locally. ✓
- Set up the correct python scripts to be able to run in a semi-automatic mode. (✓)
 - Including selection of input AODs to run on from web page. ✓
- Get Ganga/grid to collaborate!! (with help from Sebastian)
- Write script to compare one of our datasets with a Freiburg dataset. ✓
- If they match 1:1, start production of new datasets...



Web page:

- <https://twiki.cern.ch/twiki/bin/view/Atlas/CoordinatedSusyviewFiles>

- **Start reproducing a full Freiburg dataset soon (end of this/early next week).**
- **Identify problems, e.g. naming convention.**
- **Finish semi-automatic setup and publish scripts and documentation to be used by other groups (some time next week).**
- **We (DESY-HH) should be able to contribute fully within a few days.**
- **Surely, there will be many iterations of this production, so if we set it up smart now, we will have less trouble and work in the future...**

- Freiburg (they use a local setup, i.e. NOT Ganga/Grid):
Asen, Debra, Portell, Stephan, Florian.
- DESY-HH (trying to setup full Ganga/grid environment):
Björn Gosdzik, KK.
- Since a few days, some people from CERN joined as well:
Till Eifert, Eric Feng.
- Bonn?