

Possible cooperation and news

CAT meeting 15-11

- What we are working on
and what we plan to work on

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Freiburg SUSY group

- Group in Freiburg has grown from me (1) to me+0.5 Postdoc + 4 Phd students+2 future Phd students
- All of us are using a common local analysis code package stored locally on a cvs server in Freiburg at the moment
- We are using SusyView v5 at the moment and build MICRO root files (4-vectors+other stuff) to perform end-analysis

Freiburg SUSY group

- We started working on susyview ATLFAST production
(Renaud Brunelierre+Janet Dietrich) using susyview v5 code to make ntuples for all the SM files and a MSUGRA grid
→ Maybe some of you are interested or working on similar things?

(We are going to keep susyview at the moment but we would also join highptview if this is easier for analysis in the long term)

Analysis topics at the moment

- General Susy search (multi-channel)
- Optimized Susy search (one-channel to be found) → Compare 'blindly' both strategies
- Awatchman to check data-ntuple-code-calibration-etc. performance
- Background from data (usual and general strategy)
- Tau Id for SUSY using a Z and top selection