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The CERN SUSY search group is organised by the CERN group and open to all ATLAS members who are working at CERN.

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## Group Meetings

14 March 2006 28 March 2006 11 April 2006 25 April 2006 30 May 2006 13 June 2006 16 Aug 2006 [23 Aug 2006](#), no mtg Aug30, no mtg Sep 6, no mtg Sep13, 20 Sept 2006 [23](#) You can see all the meetings here [23](#)

## Talks from Group Members

- SUSY: SUSY WG meeting - 30 April 2007 (Till) talk [23](#)
- SUSY: CATPhys meeting - 18 April 2007 (Till) talk [23](#)
- SUSY: SUSY WG mtg - 13 Sep 2006 (Jamie): talk [23](#)
- SUSY: CATPhys meeting - 30 Aug 2006 (Jamie): ppt [23](#)
- SUSY: Extra meeting - 26 May 2006 (Christophe): fake electrons from data ppt
- SUSY: CATPhys meeting - 24 May 2006 (Jamie): pdf, ppt
- SUSYView: ATLAS SUSY WG - 25 April 2006 (Amir): pdf [23](#)
- TMA: CATPhys meeting - 13 Mar 2006 (Andreas): pdf, ppt

More recent talks/wikis ...

### 1. PAT work (SUSYView and SPyRoot)

- SusyView with Amir. Here is JamieSusyViewDevelopment
- SpyRoot wiki

### 2. Electron ID in a SUSY environment (2007)

- Also talk from SUSY WG mtg (sept) here [23](#)
- and from E-Gamma mtg (sept) here [23](#)
- Finally Christophes talk from E-gamma mtg (oct) here [23](#)

### 3. CSC note 5 - 1 lepton chapter

- ATL- PHYS- PUB- 2009- 066
- <http://indico.cern.ch/getFile.py/access?contribId=9&resId=1&materialId=slide1>
- 

### 4. Tiles method for background estimation for the 1-lepton channel

- ATL- COM PHYS- 2009- 250 (<http://cdsweb.cern.ch/record/1177160>), ATL- PHYS- PUB- 2009- 077 (update)
- <http://indico.cern.ch/getFile.py/access?contribId=7&resId=0&materialId=slide1>
- <http://indico.cern.ch/getFile.py/access?contribId=1&resId=0&materialId=slide1>
- <http://indico.cern.ch/getFile.py/access?contribId=4&resId=0&materialId=slide1>
- <http://indicobeta.cern.ch/getFile.py/access?contribId=5&resId=1&materialId=slide1>

### 5. Looking at effect of dead regions in the calorimeter on the 1-lepton analysis

- <http://indicobet.a.cern.ch/getFile.py/access?contribId=5&resId=0&materialId>

link to talk on 1-lepton plans for 2010:

<http://indicobet.a.cern.ch/getFile.py/access?subContId=6&contribId=1&resId=0&mat>  
and wiki on that.

## Links to other Interesting Meetings

- BSM MC generator WS at FNAL [↗](#)

## Documentation and General

- CSC physics notes SUSY CSC document (Word)
- ATLAS SUSY WG [↗](#) (TWiki)
- GeneralSusyDocumentation

## ATLAS SW and Tutorials

- Event View Tutorial (Durham Jan 12th, 2006)
- Analysis specific ntuple tools (EVUDCalculators)
- SusyView
- Toolkit for Multi-Variate Analysis (T MVA) [↗](#)
- SFrame
- SPyRoot

## Tools

- Les Houches Web Repository for BSM Tools [↗](#)
- "Supersymmetry Parameter Analysis" (SPA) home page [↗](#)
- SUSY event generators and generator chain
- fakeem ppt:
- AODracker (11 series data) - Dynamic Web-based Results updated daily (Benjamin): [AODracker11.0.5](#) [↗](#)
- AODracker (12 series data) - Dynamic Web-based Results updated daily (Neil Knecht): [AODracker12.0.6](#) [↗](#)
- Presentation on AODracker, finding Xsections, & SUSY (Benjamin): [Slides\\_pdf](#)
- Atlas Susy-Points [↗](#) (Inclusive SUSY search [↗](#))
- mSugra grid

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This topic: [Main > AtlasSusyCernLocal](#)

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