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Searches for direct pair production of third generation squarks with the ATLAS detector

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Searches for supersymmetry are a key focus of the LHC experimental program. In particular, natural SUSY models motivate third generation squarks with masses light enough to be produced at the LHC. As a result, the ATLAS experiment has a variety of analyses devoted to stop/sbottom direct production. In this talk, recent results from these searches for are discussed, and the current stop/sbottom mass exclusion limits are presented.

Summary

Author: GONSKI, Julia Lynne (Harvard University (US))

Presenter: GONSKI, Julia Lynne (Harvard University (US))

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