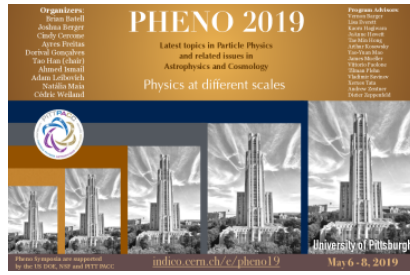


Phenomenology 2019 Symposium



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Type: parallel talk

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

Monday 6 May 2019 17:00 (15 minutes)

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 are discussed, and the current stop/sbottom mass exclusion limits are presented in several simplified models.

Summary

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