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Search for direct stop and sbottom pair production with the ATLAS detector

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Naturalness arguments favour supersymmetric particle spectra with relatively light partners of the top and bottom quarks. Top or bottom squarks with masses less than a few hundred GeV can give rise to direct pair production rates in proton-proton collisions at the LHC that can be observed with the ATLAS detector. The talk presents recent ATLAS results from searches for direct stop and sbottom pair production, using data recorded at 13 TeV centre of mass energy.

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