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## Search for compressed SUSY scenarios with the ATLAS detector

*Thursday, July 6, 2017 4:45 PM (15 minutes)*

Scenarios where multiple SUSY states are nearly degenerate in mass produce soft decay products, and they represent an experimental challenge for ATLAS. This talk presents recent results of analyses explicitly targeting such “compressed” scenarios with a variety of experimental techniques. All results make use of proton-proton collisions collected at a centre of mass of 13 TeV with the ATLAS detector.

### Experimental Collaboration

ATLAS

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