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Searches for squarks and gluinos in less conventional scenarios with ATLAS

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Despite the absence of experimental evidence, weak scale supersymmetry remains one of the best motivated and studied Standard Model extensions. This talk summarises recent ATLAS results on inclusive searches for supersymmetric squarks of the first two generations, and gluinos in less conventional scenarios including R-parity violating models that typically lead to high-multiplicity final states without large missing transverse momentum. The searches target final states including jets, and leptons.

Parallel Session

Supersymmetry: Models, Phenomenology and Experimental Results

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Session Classification: Supersymmetry: Models, Phenomenology and Experimental Results