SUSY07



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R-hadron and long lived particle searches at LHC

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We summarise the strategy for searching heavy charged quasi-stable SUSY particles and R-hadrons with the ATLAS

detector at the LHC. We review models where R-Hadrons decay in flight within the detector discussing the reconstruction and triggering techniques to be employed to detect such particles.

Primary author: BRESSLER, Shikma (Technion - Israel Institute of Technology)

Co-author: ATLAS-COLLABORATION

Presenter: BRESSLER, Shikma (Technion - Israel Institute of Technology)

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