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All about the triplet

Content :

In this talk I will introduce the Supersymmetric Custodial Triplet Model (SCTM), the supersymmetric version of the Georgi-Machacek model where three triplets of SU(2) are added to the MSSM in a custodial invariant way. I will embed it into a predictive theory of supersymmetry breaking and I will also study its implication for Dark Matter.

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