

The current status of the phenomenological MSSM

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The phenomenological MSSM is a versatile tool to study signatures of minimal supersymmetry. I will report on recent studies involving pMSSM models at both colliders and dark matter experiments. At the LHC, 14 TeV collisions will probe a significantly larger fraction of the available parameter space than current searches are able to test. However, dark matter experiments can provide complementary signals of many MSSM dark matter scenarios. I will demonstrate the interplay between collider searches, direct detection, indirect detection, and neutrino telescopes in searching for supersymmetry.