

Abstract Submitted
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Precision studies of supersymmetry at the LHC CRAIG GROUP,
KONSTANTIN MATCHEV, ANDREAS BIRKEDAL — If low energy supersymmetry is realized at the weak scale, the Large Hadron Collider at CERN will discover it. The signals will be quite complex, since the superpartners are being produced all at the same time, and they decay through various rather complicated decay chains. We develop several methods for precision measurements allowing extraction of supersymmetry parameters at the LHC in a model independent fashion.

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