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## **SUSY searches in single lepton and opposite-sign dilepton final state with the CMS detector**

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Theories beyond the standard model such as Supersymmetry (SUSY) predict the existence of additional particles. Cascade decays of SUSY particles often yield final states with hadronic activity and missing transverse energy.

Signatures including leptons are of particular interest since standard model processes are suppressed by this selection and can be predicted with good accuracy.

An overview of SUSY searches in single lepton or opposite-sign dilepton final states with the CMS detector at the CERN LHC is presented with focus on the first results from proton-proton collisions at  $\sqrt{s} = 13$  TeV.

### **Summary**

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