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## **SUSY searches in all hadronic final states with the CMS detector**

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The new energy regime reached at the LHC with the Run1 is a unique chance to look for the production of new massive particles, predicted by many beyond-Standard-Model theories. Among these, Supersymmetry (SUSY) is particularly favourable because it provides a solution to the hierarchy problem, it ensures gauge coupling unification and provides a candidate for dark matter. The Run 2 of LHC has been successful, and the experiments have delivered excellent results on the new data. This talk presents the CMS results on the search for SUSY in all-hadronic final states, using several different approaches, with an integrated luminosity of approximately 2.3 inverse femtobarn. No significant excess is observed and exclusion is derived in the parameter space of simplified SUSY models.

### **Summary**

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