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## CMS searches for new physics in hadronic final states

*Tuesday 22 August 2023 08:50 (15 minutes)*

Many new physics models and Standard Model extensions like, additional symmetries and forces, compositeness, extra dimensions, extended Higgs sectors, supersymmetry, dark sectors and dark matter particles, are expected to manifest themselves in final states with hadronic jets. This talk will present recent searches for new phenomena in such final states using the full Run II luminosity corresponding to 138 fb<sup>-1</sup> collected with the CMS detector at the CERN LHC. Prospects for Run III will also be presented.

### Collaboration / Activity

CMS

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**Session Classification:** T10 Searches for New Physics

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