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## Digging deeper into SUSY parameter space with the CMS experiment

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Since the classic searches for supersymmetry have not given any strong indication for new physics, more and more supersymmetry searches target the more difficult, unconventional, or specific scenarios. This talk focuses on searches looking for signatures of stealth and R-parity-violating supersymmetry as well as SUSY models with long-lived particles or with compressed mass spectra that require dedicated analysis techniques. The results are based on proton-proton collisions recorded at  $\sqrt{s} = 13$  TeV with the CMS detector.

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