

SUSY 2024

Theory meets Experiment

Madrid

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Searches for dark matter with CMS

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Determination of the nature of dark matter is one of the most fundamental problems of particle physics and cosmology. This talk presents recent searches for dark matter particles from the CMS experiment at the Large Hadron Collider. The results are based on proton-proton collisions recorded at $\sqrt{s} = 13$ TeV with the CMS detector.

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Session Classification: Dark matter, astroparticles and gravitational waves

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