

## Higgs+DM searches in CMS

*Thursday 2 May 2024 09:20 (20 minutes)*

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

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**Session Classification:** Talks