

## Searches for dark matter with CMS

*Wednesday 22 May 2019 14:20 (20 minutes)*

Searches for dark matter in various final states with invisible particles recoiling against standard model particles are presented. Various topologies and kinematic variables are explored, as well as jet substructure as a means of tagging heavy bosons. The focus of the talk is on the recent CMS results obtained using data collected in the LHC run 2.

**Author:** PEDRO , Fernandez Manteca (Univ. of Cantabria)

**Presenter:** PEDRO , Fernandez Manteca (Univ. of Cantabria)

**Session Classification:** Dark Matter, Astroparticle Physics

**Track Classification:** Dark Matter, Astroparticle Physics