## TeVPA 2023 - Napoli Italy



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## Search for Dark Matter with mono-X Signatures in CMS

Thursday, 14 September 2023 16:30 (20 minutes)

Searches in CMS for dark matter in final states with invisible particles recoiling against visible states are presented. Various topologies and kinematic variables are explored, including jet substructure as a means of tagging heavy bosons. In this talk, we focus on the recent results obtained using the full Run-II dataset collected at the LHC.

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Track Classification: Particle Physics [theory + colliders]