## MOCa 2023: Materia Oscura en Colombia



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## Sub-GeV multicomponent dark matter

Thursday 11 May 2023 13:45 (40 minutes)

In this talk, I will present a dark matter model at the Sub GeV scale where the dark sector is composed of two scalar dark matter particles and a dark photon. All the particles in the dark sector have masses at the Sub-GeV scale. I will show the constraints from relic abundance and detection prospects in upcoming experiments.

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