



Contribution ID: 7

Type: **not specified**

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.

Primary authors: Mr GÓMEZ, Andrés Felipe (Universidad EIA); Mr VÁSQUEZ, Esteban (Universidad EIA); PALACIO, Guillermo; MUÑOZ ARIAS, Jose Miguel

Co-author: BETANCUR RODRIGUEZ, Amalia (EIA University (CO))

Presenter: BETANCUR RODRIGUEZ, Amalia (EIA University (CO))