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## WIMP Dark Matter in a Type-II Scotogenic model

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Dark Matter and neutrinos are one of the most puzzling components of the Universe. Neutrino masses can be explained by radiative processes where Dark Matter particles are involved. Such models are known as Scotogenic DM models. The Dark Matter candidate in these models are stable thanks to the same symmetry that protect the radiative process. We present a realization of the scotogenic model using as inspiration model the Type-II seesaw. We show the model has a good DM candidate at the TeV scale and its phenomenology can be tested by CTA and Darwin.

**Primary author:** LINEROS, Roberto (Universidad Católica del Norte)

**Presenter:** LINEROS, Roberto (Universidad Católica del Norte)

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