

SEMINARIO

BÚSQUEDA DE NUEVA FÍSICA EN ACELERADORES Y EL COSMOS



"Ciencia de frontera desde México"



INVITA A ASISTIR A LA PLÁTICA

TÍTULO

Self-interacting **dark matter** in the **neutrino** portal

PONENTE

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RESUMEN

Dark matter and the origin of neutrino masses are two of the most promising areas of research in particle physics. There are several attempts to provide an unified framework for these phenomena. One of these is coined as neutrino portal, where a dark sector (which contains the dark matter candidate) couples to the SM via (Dirac) fermion mediators that mix with the SM neutrinos.

In this talk, I will present a model of self-interacting dark matter based on the neutrino-portal paradigm where neutrino masses are generated through the inverse seesaw. This simple self-interacting dark matter model meets all available constraints without fine-tuning of parameters.

FECHA Y HORA:

Martes 5 de mayo de 2020, 13:00 Hrs.

LUGAR:

Centro Internacional de Física Fundamental



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Organizadores

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