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UNIVERSITÀ
DI TRENTO
Dipartimento di
Fisica

Prof. Luca Visinelli

Tsung-Dao Lee Institute (TDLI)

2023, February 9 14:00 p.m.

Room A212 – Polo Ferrari 1 (Via Sommarive 5)

The interplay of primordial black holes and particle dark matter

Abstract

The nature of dark matter remains a mystery to date. In this talk, I will present some novel mechanisms to probe the properties of two dark matter candidates, the weakly interacting massive particle and the axion, using black hole physics. I will also discuss how to assess the abundance of black holes in galaxies in these theories.

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