

Testing keV sterile neutrino Dark Matter in future direct detection experiments.

In this work we analyse the possibility of measuring sterile neutrino dark matter in direct detection experiments, such as XENON100 and its future stages. In particular we focus on the keV range, studying the interaction of these particles with electrons in bound states.

Session and Location

Monday Session, Poster Wall #149 (Hölderlin-Room)

Poster included in proceedings:

no

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Track Classification: Poster (not participating in poster prize competition)