

Overview on Ultraheavy Dark Matter

Monday 14 November 2022 15:30 (30 minutes)

“Ultraheavy” dark matter candidates with masses between roughly 10 TeV and the Planck scale present a wide and underexplored parameter space, with rich possibilities of models and cosmic histories. Both current detectors and novel search techniques – direct and indirect – are poised to hunt ultraheavy particle dark matter in the coming decade. I will present an overview of these with emphasis on tailored searches at next-generation liquid noble detectors and neutrino experiments.

Talk based on Snowmass white paper @ 2203.06508.

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