

Cosmological Probes of Dark Matter Interactions

Wednesday, 30 May 2018 15:00 (20 minutes)

Abundance of cosmological data will enable sensitive probes of dark matter physics in the coming decade. I will focus on scattering of sub-GeV dark matter with baryons in the pre-recombination Universe, summarize the status of cosmological searches, present forecasts for the next-stage CMB experiments, and discuss distinguishability of various signatures of new physics sought by CMB surveys.

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