

CMB spectral distortions meet PMFs

Monday, 27 May 2024 14:00 (1 hour)

CMB spectral distortions provide a new window to early-universe and particle physics. This opens new ways to constrain the amplitude of fluctuations at small scales and also during the cosmological recombination era. In my talk, I will highlight some of the exciting opportunities for constraining the effects of PMFs on the CMB spectrum and how this might allow us to shed new light on the Hubble tension and the origin of primordial black holes and magnetic fields.

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