Phenomenology 2023 Symposium



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Higgsed dark photons without isocurvatures

Tuesday 9 May 2023 17:30 (15 minutes)

We show how dark photons originating from an abelian Higgs model can be produced from the decay of the radial mode that acts as the curvaton, a light field during inflation that generates (part of) the adiabatic large scale cosmological primordial fluctuations.

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