



Contribution ID: 49

Type: **not specified**

Maximally misaligned axions

Friday 27 August 2021 16:20 (20 minutes)

In this talk I will discuss a simple model of maximal axion misalignment. Maximally-misaligned axions with masses larger than 10^{-22} eV constitute an attractive DM candidate with interesting phenomenology. On the other hand, maximally-misaligned axions with masses $m=O(1-100)H_0$ generically behave as dark energy with a decay constant that can take values well below the Planck scale, avoiding problems associated to super-Planckian scales.

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Session Classification: Early Universe Cosmology

Track Classification: Early Universe Cosmology