

ADMX results

Friday 12 August 2022 09:00 (20 minutes)

The QCD axion arises from the Peccei-Quinn solution to the Strong CP problem and is a compelling dark matter candidate. Interest in the axion and other wavelike dark matter candidates has grown recently, yielding both new theoretical perspectives and new refinements in detection technology. The Axion Dark Matter Experiment is currently searching for dark matter axions with sensitivity to some of the best-motivated parameter space. I will report recent results from ADMX and future run plans specifically, and more generally give a brief report on the discussions of the “Wavelike Dark Matter Working Group” from the US Snowmass process.

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