



# Status and Future of the ADMX axion dark matter search

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## Abstract:

The QCD axion is a candidate for dark matter, motivated by the Peccei-Quinn solution to the Strong CP problem. ADMX is a world-leading axion search, currently exploring a plausible range of axion masses at theoretically predicted couplings and dark matter density. I will briefly present an overview of the field of axion dark matter searches, discuss the technical design and give an update on the current operations status of ADMX, and outline future plans in the search for axion dark matter.