

# Status of the Axion Dark Matter Experiment (ADMX)

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The Axion Dark Matter Experiment (ADMX) is a search for QCD axion dark matter using axion-photon conversion in a resonant cavity. The “Gen 2” version of ADMX, presently in commissioning, improves upon previous versions using a dilution refrigerator, enhancing sensitivity to be sensitive to even pessimistically coupled DFSZ axions. I will present the status of the commissioning, plans for the upcoming data run plan, our strategy to expand the search to higher masses, and ongoing R&D to improve sensitivity.

**Primary author:** Dr RYBKA, Gray (University of Washington)

**Presenter:** Dr RYBKA, Gray (University of Washington)