

# Axion Dark Matter Searches

*Wednesday, 16 June 2021 08:20 (40 minutes)*

The QCD axion is one of the leading particle candidates to explain what makes up the dark matter of the universe. In the last decade, advances in detectors has enabled the construction of experiments that are sensitive to the most plausible axion dark matter models. Now the race is on to search the theoretically favored masses and couplings and make a discovery. I will highlight efforts world-wide to find the axion and discuss recent results from the Axion Dark Matter Experiment, the most sensitive experiment presently operating.

**Presenter:** RYBKA, Gray (U. of Washington)

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