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ABRACADABRA-10cm: First Search for < 1 micro-eV Axions

Monday, 27 September 2021 10:10 (40 minutes)

The axion is an intriguing dark matter candidate that has returned to prominence due to advances in quantum sensors and cryogenic infrastructure. The < 1 micro-eV mass range for axions is particularly intriguing due to its connection to the GUT-scale. In this talk, I will introduce axion physics in this mass range and present the latest results from ABRACADABRA-10cm's second physics run.

Presenter: WINSLOW, Lindley

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