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## Dark Matter Waves

*Sunday, April 5, 2020 4:00 PM (50 minutes)*

A dark matter particle lighter than about 100 eV is expected to exhibit wave behavior in a galaxy like the Milky Way. We discuss particle physics motivations for such a scenario, and implications for astrophysical observations and experimental detection.

Talk based on

<https://arxiv.org/abs/2004.01188>

<https://arxiv.org/abs/1904.12803>

<https://arxiv.org/abs/1810.01915>

<https://arxiv.org/abs/1610.08297>

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