

Brookhaven Forum 2025: Launching the Second Century of Quantum Physics



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Wave Dark Matter

Thursday 23 October 2025 16:00 (1 hour)

We will discuss the possibility that dark matter is composed of particles lighter than about 10 eV, the prime example being an axion or axion-like-particle. In this case, the dark matter galaxy halo is best thought of as a set of waves. The astrophysical consequences, and the experimental implications for axion detection, will be discussed.

Presenter: HUI, Lam

Session Classification: Special Physics Colloquium