



Bethe Colloquium

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From Axion Dark Matter To Dark Astronomy

In this talk we start with the classical example of an oscillating cosmological field axion and axion-like particle dark matter. We will see that it is a suitable dark matter candidate, albeit one with interesting wave-like features that express themselves as coherent oscillations. We discuss existing and future probes of this type of dark matter. We also explore options for post-discovery physics, establishing the nature of dark matter and exploring a path to dark astronomy.

BCTP, Room W 2.019 - Wegelerstr. 10 - 53115 Bonn

Thursday, June 6, 2024, at 4:15 p.m.

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