BPNMC21-2021-000009

Abstract for an Invited Paper for the BPNMC21 Meeting of the American Physical Society

Dark Matter in the Disordered Cosmos

CHANDA PRESCOD-WEINSTEIN, University of New Hampshire

In this talk, I will provide an overview of one of the biggest problems that physics faces today: what is the dark matter? The first thing I will explain is that it's not actually dark! I will explain why I feel compelled to work on one proposed solution, a hypothetical particle called the axion, and along the way, I will provide some insights into my personal journey into the invisible world of the so-called dark matter.