

Abstract Submitted
for the APR18 Meeting of
The American Physical Society

Dark Matter, Dark Forces, and the GeV-Scale Discovery Frontier

PHILIP SCHUSTER, SLAC - Natl Accelerator Lab — The search for sub-GeV dark matter and new forces with very weak coupling to matter is a new and vibrant frontier in fundamental physics. As an introduction to this field, I will present the theoretical and data-driven motivations for sub-GeV dark matter and new forces, important sensitivity milestones and scenarios, and the most promising experimental strategies to discover this physics.

Philip Schuster
SLAC - Natl Accelerator Lab

Date submitted: 10 Jan 2018

Electronic form version 1.4