Contribution ID: 2

Recent dark-sector results at Belle II

Thursday 8 December 2022 16:50 (20 minutes)

Belle has unique reach for a broad class of models that postulate the existence of dark matter particles with MeV—GeV masses. This talk presents recent world-leading physics results from Belle II searches for dark Higgstrahlung and Z' decays; as well as the near-term prospects for other dark-sector searches.

Authors: HSU, Chia-Ling (University of Sydney); LIBBY, James (Indian Institute of Technology Madras (IN))

Presenter: HSU, Chia-Ling (University of Sydney)

Session Classification: BSM physics

Track Classification: Physics beyond the Standard Model