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Recent results on dark sector searches at Belle II

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The Belle II experiment 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 Z' bosons, axion-like particles, and dark scalars in association with two muons in e+e- collisions; long-lived (pseudo)scalars produced in decays of B-mesons; inelastic dark matter; as well as the near-term prospects for other dark-sector searches.

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