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Recent dark-sector results from Belle II

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The Belle II experiment at the SuperKEKB collider has a unique sensitivity to 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 long-lived scalar particles and Z' decays; as well as the near-term prospects for other dark-sector searches.

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Classification de Session: Dark and Primordial Universe & Gravitational Waves

Classification de thématique: Dark Universe