

Searches for dark sector particles at Belle and Belle II

Thursday 30 May 2024 14:30 (15 minutes)

The Belle and Belle II experiment have collected samples of e^+e^- collision data at centre-of-mass energies near the $\Upsilon(nS)$ resonances. These data have constrained kinematics and low multiplicity, which allow searches for dark sector particles in the mass range from a few MeV to 10 GeV. Latest results are presented.

Primary authors: LONGO, Savino (University of Manitoba); VAHSEN, Sven (University of Hawaii (US))

Presenter: LONGO, Savino (University of Manitoba)

Session Classification: Parallel - 7

Track Classification: Flavor and Dark Sector