

First results from Belle II on exotic and conventional quarkonium

Friday, July 31, 2020 8:35 AM (15 minutes)

The Belle II experiment at the SuperKEKB energy-asymmetric e^+e^- collider is a substantial upgrade of the B factory facility at KEK in Tsukuba, Japan. The experiment began full operation in early 2019 and aims to record a factor of 50 times more data than its predecessor. Belle II is uniquely capable of studying the so-called “XYZ” particles: heavy exotic hadrons consisting of more than three quarks. First discovered by Belle, these now number in the dozens, and represent the emergence of a new category within quantum chromodynamics. This talk will present recent results in new Belle II data, and future prospects to explore both exotic and conventional quarkonium physics.

I read the instructions

Secondary track (number)

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