



Contribution ID: 110

Type: **Poster or pre-recorded talk**

## Quarkonium at Belle II

*Tuesday 13 July 2021 19:38 (2 minutes)*

The Belle II experiment at the SuperKEKB energy-asymmetric  $e^+e^-$  collider is an upgrade of the B factory facility at KEK in Tsukuba, Japan. The experiment began operation in 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. We present recent results in new Belle II data, and the future prospects to explore both exotic and conventional quarkonium physics.

### **Preferred track**

Hadron Spectroscopy

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**Session Classification:** Poster Session

**Track Classification:** Hadron spectroscopy and heavy-flavour physics