



Contribution ID: 16

Type: **Talk**

## Recent results from Belle II

*Tuesday 2 August 2022 14:00 (30 minutes)*

The Belle II experiment at the SuperKEKB energy-asymmetric  $e^+e^-$  collider is a substantial upgrade of the B factory facility at the Japanese KEK laboratory. The design luminosity of the machine is  $6 \times 10^{35} \text{ cm}^{-2}\text{s}^{-1}$  and the Belle II experiment aims to ultimately record  $50 \text{ ab}^{-1}$  of data, a factor of 50 more than its predecessor. With this data set, Belle II will be able to measure the Cabibbo-Kobayashi-Maskawa (CKM) matrix, the matrix elements and their phases, with unprecedented precision and explore flavor physics with B and charmed mesons. we will review the latest results from Belle II, with emphasis on those related to hadronic decay.

### Preferred track

Hadronic Issues in Heavy-Flavour Physics

### Subfield

HEP experiment

### Attending in-person?

Yes

### On behalf of collaboration?

Belle II

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**Session Classification:** Heavy-flavour physics 1

**Track Classification:** Hadronic issues in heavy-flavour physics