

## The Belle II Experiment

*Wednesday 24 May 2023 16:00 (15 minutes)*

Belle II is a flavor physics experiment at the asymmetric  $e^+e^-$  collider SuperKEKB in Japan. It aims to record an order of magnitude more data than its predecessor Belle experiment. Belle II started operation in 2019 and to date has accumulated  $\sim 430 \text{ fb}^{-1}$  of data. The Uppsala University recently joined the experiment, becoming the first Scandinavian country in a collaboration that boasts more than 25 collaborating countries and 120 institutions. In this talk we will present the status and plans of the Belle II experiment, giving an overview of the physics that can be studied and covering a few of its recent results.

**Presenter:** Dr SCAVINO, Bianca (Uppsala University)