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## Flavor Physics and the Belle II Experiment

*lundi 27 mars 2023 17:00 (25 minutes)*

Belle II is a flavor physics experiment at the asymmetric  $e^+e^-$  collider SuperKEKB in Japan. Belle II aims to record an order of magnitude more data than the previous Belle experiment. Belle II started operation in 2019 and has accumulated  $430 \text{ fb}^{-1}$  of data to date. I will present the status and plans of the Belle II experiment, and review its recent results, including those on rare B meson decays, CP violation and lepton flavor violation. This talk also covers other flavor physics programs, including that of LHCb at CERN.

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