

## Super KEKB and Belle II

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The Belle detector at the KEKB electron-positron collider has collected approximately 800 million Upsilon(4S) events in its decade of operation. The KEKB group has proposed Super-KEKB, an upgrade of KEKB to increase the luminosity by two orders of magnitude during a three-year shutdown, with an ultimate goal of  $8 \times 10^{35}/\text{cm}^2/\text{s}$  luminosity. To exploit the improved luminosity, an upgrade of the Belle detector has been proposed. A new international collaboration Belle-II is being formed, with a broader participation of European institutions. Super-KEKB and Belle-II were officially placed on the KEK 5-year Roadmap. The talk will present basic plans of the accelerator upgrade, as well as key improvements of the detector. More details will be given on the DEPFET pixel detector that will be designed and built in Europe.

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