

# Belle II at SuperKEKB, status and prospects

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While B factories were built to check whether the Standard Model with the CKM matrix offers a correct description of CP violation, the next generation of B factories, super B factories, will look for departures from the Standard Model. For such a study, a 50 times larger data sample is needed, corresponding to an integrated luminosity of  $50 \text{ ab}^{-1}$ . To achieve the necessary increase of event rates by a factor of 40, a substantial upgrade is required both of the accelerator complex as well as of the detector. The motivation for a future super B factory at KEK and its expected physics reach will be discussed, as well as the requirements for the SuperKEKB accelerator and for the Belle II detector. Finally, the present status of the project will be presented together with the plans for the future.