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The Belle II Upgrade Program

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The Belle II detector at the SuperKEKB accelerator complex is covering a wide range of exciting physics topics. To achieve the project's research goals, a substantial increase of the data sample to 50 ab^{-1} is needed, and for that, the luminosity has to reach the ambitious goal of $6 \times 10^{35} \text{ cm}^{-2} \text{ s}^{-1}$. The progress towards the design luminosity is accompanied by research and development of the accelerator, operation methods, detector components, as well as their upgrades. In the present contribution, we will discuss the status and plans of the project, timescales for upgrades, their motivations, and opportunities, an overview of upgrade options, and finish with an outlook and perspectives.

Secondary track

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