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Searching for New Physics with Belle II

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The Belle II experiment is a substantial upgrade of Belle detector and will operate at the SuperKEKB energyasymmetric e^+e^- collider. The detector is in its final phase of construction and the accelerator has successfully completed the first phase of commissioning. The design luminosity of 8×10^{35} cm⁻²s⁻¹ and the Belle II experiment aims to record 50 ab⁻¹ of data, a factor of 50 more than the Belle experiment. This large data set will be accumulated with low backgrounds and high trigger efficiencies in a clean e^+e^- environment; it will allow to probe New Physics scales that are well beyond the reach of direct production at the LHC and will complement the searches through indirect effects that are currently ongoing or planned. This talk will review the present status of the detector upgrade, and present an overview of the golden channels, their physics motivations, and the expected sensitivity.

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