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Recent results and future prospects with the Belle II experiment

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The Belle II experiment at the KEK laboratory has collected data at energies at and near the $\Upsilon(4S)$ resonance since 2019, with active Canadian participation in this project since 2013. The Belle II physics program spans a broad range of physics topics, including both heavy quark and lepton flavour, performing precision measurements of flavour observables, as well as high sensitivity searches for rare and exotic decay processes. This talk will provide an overview of the physics program, highlighting recent interesting results in flavour and exotic new-physics searches.

Keyword-1

Belle II

Keyword-2

flavour physics

Keyword-3

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