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The Simulation Library of the Belle II Software

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The Belle II experiment / the SuperKEKB collider at KEK is a next generation B factory. Phase I of the experiment has been just finished, during which extensive beam studies were conducted. The collaboration is preparing for the physics run in 2018 with the full detector setup. The simulation library of the Belle II experiment is based on the Geant4 package. In this talk, we will summarize the various aspects of the Belle II simulation, including geometry, magnetic field, beam background handling, and validation.

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