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BELLE II

Wednesday 3 May 2023 17:30 (30 minutes)

The Belle II detector is a general-purpose detector located at the SuperKEKB particle collider (the highest luminosity collider ever). It is the successor experiment to Belle and BaBar, whose experimental confirmation of B-meson CP violation predicted by the Kobayashi-Masakawa theory led to the 2008 Nobel Prize in Physics.

This intro talk will give you a quick walkthrough of how the highest precision collider experiment in the world is built and operated by over a thousand scientists and what kind of Physics it seeks to achieve.

Virtual

Presenter: BEAUBIEN, Alexandre