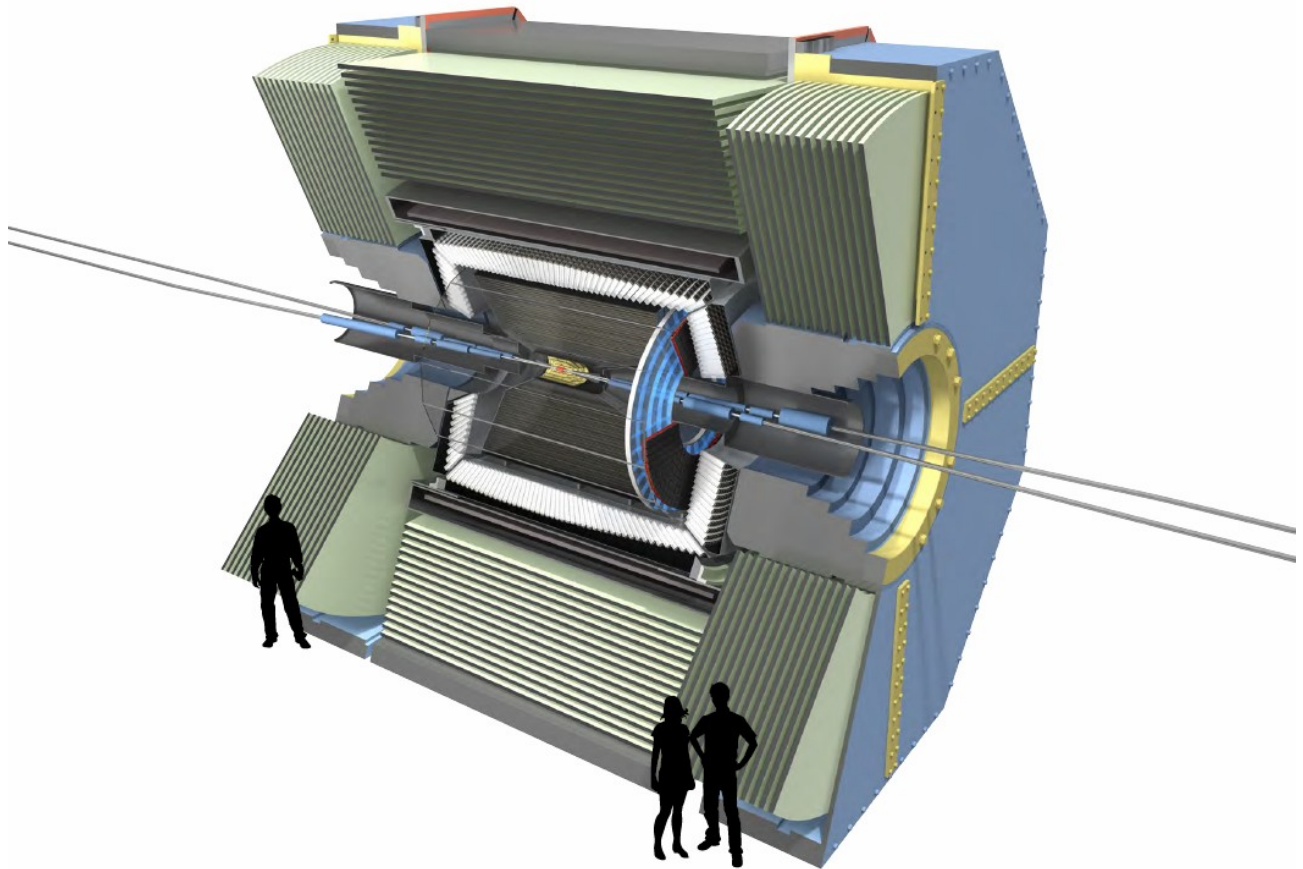


Elementary particle physics experiment with high-energy accelerators

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Cat-model picture of the Belle II detector at the beam collision point of SuperKEKB accelerator.

The real system is 7m×7m×7m dimension and 1500t weight. Data acquisition is planned to start 2018.

I have been propelling elementary particle physics research at the high luminosity electron-positron colliders, Belle and Belle II experiments. Particularly I have been involved in the measurements of time-dependent CP violation in neutral B meson decays. I am also interested in charm and bottom hadron spectroscopy, especially search for and measurements of properties of the exotic hadron state candidates which might contain more number of constituent quarks than usual meson and baryons. I am also committing development and operation of the electromagnetic calorimeters which measure energies of electron or gamma-rays, and radiation monitor detector for accelerator-based experiments.

Keywords : B meson decays, CP violation, Heavy flavor hadron spectroscopy, Electromagnetic calorimeter, electron-positron collider