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CP Violation at Belle

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The Belle experiment at the KEK lab in Tsukuba, Japan, has accumulated a sample of about 770 million B-meson pair events between the years 1999 and 2010. This huge dataset allowed to establish CP violation in a number of B decays and in the interference between B mixing and some B decays. All CP-violating phenomena found at Belle are consistent with the Cabibbo-Kobayashi-Maskawa (CKM) mechanism, the only source of CP violation within the Standard Model of particle physics.

In this presentation I will briefly review the main measurements of CP violation in B meson decays and summarize the current status of the tests of the CKM mechanism.

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