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Study of Branching fraction and CP Asymmetry of charm mesons at Belle

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CP violation in charm meson decays is expected to be small, and an observation of a large CP asymmetry could indicate new physics. We report measurement of branching fractions and CP asymmetries in $D \rightarrow Kh\pi\pi^0$ ($h = \pi, K$) and T-odd asymmetry, sensitive to CP violation, in the $D^0 \rightarrow K_S^0 K_S^0 \pi^+ \pi^-$ decay, and $D_{(s)} \rightarrow K K_S^0 \pi \pi$. The talk also covers other results on charm meson decays. The results are based on the full data collected with the Belle detector at the KEKB asymmetric-energy e^+e^- collider.

In-person participation

No

Primary author: NISHIDA, Shohei (KEK)**Presenter:** SANGAL, Aman**Session Classification:** Quark and Lepton Flavour Physics**Track Classification:** Quark and Lepton Flavour Physics