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## Recent investigations of direct CP violation in B-meson decays at Belle

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Direct CP violation in B meson decays provides a good probe for New Physics. We report measurement of branching fraction(BF) and direct CP asymmetries (Acp) in charmless B decays  $B+ \to KsKsK+$  and  $B+ \to KsKspi+$ , which proceed through  $b\to s$  and  $b\to d$  flavor-changing neutral current transitions, respectively. Another charmless B decay  $B0 \to K-pi+Ks$ , which proceeds through  $b\to d$  penguin process, is also studied. Strong evidence of localized Acp was observed in a similar decay  $B+ \to K+K-pi+$  by Belle, and in the presentation, differential Acp and BF measurements as a function of K-Ks invariant mass are reported in addition to the total Acp and BF measurements. We also cover Acp of B0bar  $\to D0$  (K+pi-) pi0 and B0bar  $\to D0$  (K+pi-pi0) pi0 decays, which provide an interesting probe of subtle interference effects via CKM disfavoured transitions. Finally, we report on our latest measurements of  $B+ \to D(*)K+$  decay, sensitive to CKM unitarity triangle angle gamma/phi3, involving D decays to K+- pi-+, CP eigenstates and the almost pure CP even state pi+ pi- pi0. The analyses are based on the full data set recorded by the Belle detector at the Y(4S) resonance containing 772 million BBbar pairs.

Primary authors: NISHIDA, Shohei (KEK); HSU, Chia-Ling (University of Sydney)

**Presenter:** HSU, Chia-Ling (University of Sydney)

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