

# Radiative B Decays at Belle

*Thursday, July 5, 2018 9:20 AM (20 minutes)*

The  $b \rightarrow s$  gamma process is sensitive to new physics since the new heavy particles can enter in the loop and thus change the branching fractions, CP asymmetry or other kinetic variables. We present on measurement of the CP asymmetry and isospin asymmetry of  $B \rightarrow Xs$  gamma and  $B \rightarrow K^*$  gamma, and also their difference of CP asymmetry between charged and neutral modes. The analyses are based on the full data set recorded by the Belle detector at the  $\Upsilon(4S)$  resonance containing 772 million  $B\bar{B}$  pairs from  $e^+e^-$  collisions produced by the KEKB collider.

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