

## **$B \rightarrow X_s \gamma$ study using hadronic tagging method**

We present an inclusive study on the measurement of the branching fraction of the radiative B meson decay  $B \rightarrow X_s \gamma$ , using the full data sample collected with the Belle detector at the KEKB asymmetric-energy  $e^+e^-$  collider, corresponding to  $753 \times 10^6$   $B\bar{B}$  pairs. One of the B mesons in the  $\Upsilon(4S) \rightarrow B\bar{B}$  decay is fully reconstructed in hadronic modes, and the radiative photon is sought in the decay of the other B meson. We plan to obtain the CP asymmetry and the isospin asymmetry according to the measured photon energy spectrum.

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