

Electroweak Penguin B Decays at Belle

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The electroweak penguin B decay process $b \rightarrow s l^+ l^-$ is a sensitive probe to New Physics (NP). Recent measurements of angular variable of $B \rightarrow K l^+ l^-$ by *LHCb* and *Belle* indicate a deviation from the standard model, and further measurements on these process are of interest in the search of NP. In this presentation, we report on the measurements of lepton flavor non universality tests and search for the lepton flavor violating decays in $B \rightarrow K(l^+ l^-)$ and $B \rightarrow X s l^+ l^-$. 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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