

New results on $R(D)$ and $R(D^*)$ from Belle

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indications for lepton flavour violation in the mode $B \rightarrow D(\tau) \tau \nu$ have triggered substantial interest and could be a hint for New Physics effects such as a charged Higgs or leptoquark current. We report new results from the Belle experiment at the KEKB e^+e^- collider on $R(D)$, $R(D^*)$ and on the longitudinal polarisations of the D and τ in the decay $B \rightarrow D \tau \nu$. Belle results on the purely leptonic modes $B \rightarrow \mu \nu$ and $B \rightarrow l \nu \gamma$ will also be covered. 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.

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