Contribution ID: 95 Type: Parallel session

Measurements of hadronic B decay rates at Belle and Belle II

Tuesday 28 May 2024 15:00 (15 minutes)

The Belle and Belle II experiments have collected a 1.1 ab $^{-1}$ sample of $e^+e^- \to B\bar{B}$ collisions at the $\Upsilon(4S)$ resonance. The study of hadronic B decays in these data allows the precise measurement of absolute branching fractions and angular distributions of the decay products. These measurements provide tests of QCD and allow the generation of more realistic simulation samples. We present measurements of the decays $B^- \to D^0 \rho^-$, $\bar{B}^0 \to D^+ \pi^- \pi^0$, $B \to DK^*K$ and $\bar{B}^0 \to \omega \omega$.

Primary authors: RAIZ, Sebastiano; VAHSEN, Sven (University of Hawaii (US))

Presenter: RAIZ, Sebastiano

Session Classification: Parallel - 6

Track Classification: Heavy quark decays and CKM