

Status of flavor anomalies with Belle & Belle II

Thursday, 15 June 2023 11:00 (30 minutes)

Recently there have been much interest with the so-called B-physics anomalies or tensions from B-factory experiments, including Belle, Belle II, BaBar, and LHCb experiments. Some of them are related with the lepton flavor universality, while there are other tensions e.g. in the CKM matrix element V_{cb} and V_{ub} . Also, in the past, there was a tension in the direct CP asymmetry in $B \rightarrow K\pi$ decays. In this talk, we review the current experimental status of such anomalies and related subjects in B decays from the existing measurements, and present the prospects on these in Belle II and LHCb.

Secondary category for the parallel session (optional)

Flavor Physics

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