

Anomalies in rare B decays after Moriond 2021

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Several observables in B-meson decays show discrepancies between experimental data and Standard Model (SM) predictions. Recently, LHCb has updated their measurement of the lepton flavor universality (LFU) observable R_{K^*} and, finding a 3.1 sigma deviation from the SM, reports evidence for violation of LFU. This talk will give an overview of the anomalies in rare B decays and will discuss their new-physics interpretation in the weak effective theory.

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