

Flavour anomalies: Status and Prospects

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Precision measurements of heavy flavour decays constitute powerful tests of the Standard Model of particle physics.

New heavy particles beyond the Standard Model can significantly affect flavour observables through virtual quantum corrections.

Precise measurements of these observables can reveal potential deviations from Standard Model predictions,

and thereby probe energy scales far beyond the beam energies currently available at colliders.

The talk will discuss results on rare B decays, an area where measurements of decay rates and angular observables have shown some tensions with the corresponding SM predictions.

Particular focus will be on recent tests of lepton universality, where uniquely precise SM predictions are available.