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Non-leptonic B anomalies - a view from the top

Friday 21 June 2024 09:30 (20 minutes)

Over the last few years, a puzzling discrepancy in the non-leptonic B to D plus light meson decays has arisen, with large tensions between experimental measurements and theory prediction from QCD factorisation. In this talk, I will summarise the current state of these discrepancies, discuss EFT models that would reduce the discrepancies, and then show how recent LHC measurements of top quark properties are now competitive with low energy flavour measurements, and as such the benefits of analysing these discrepancies from the “top”.

Primary author: KIRK, Matthew (IPPP, Durham, UK)

Presenter: KIRK, Matthew (IPPP, Durham, UK)

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