

On the Standard Model predictions for R_K and R_{K^*}

In this talk I review our recent work where we evaluate the impact of radiative corrections in R_K and R_{K^*} . We find that, employing the cuts presently applied by the LHCb Collaboration, such corrections do not exceed a few percent. Moreover, their effect is well described (and corrected for) by existing Montecarlo codes. Our analysis reinforces the interest of these observables as clean probe of physics beyond the Standard Model.

Summary

Primary author: PATTORI, Andrea (University of Zurich)

Presenter: PATTORI, Andrea (University of Zurich)