

Long-distance effects in $B \rightarrow K(^*) l^+ l^-$

Thursday 30 August 2018 15:00 (25 minutes)

I will discuss recent developments regarding long-distance effects in $B \rightarrow K(^*) l^+ l^-$ decays.

Precise knowledge of these effects is needed for the interpretation of the present anomaly seen in the experimental results. The approach I discuss relies on the analytic properties of the hadronic matrix elements. It combines the available theory information beyond the physical phase space with experimental data of hadronic decays $B \rightarrow K(^) \psi$. The results are predictions for the rare decay within the Standard Model and beyond.*

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