

$K \rightarrow \pi \nu \bar{\nu}$ and ϵ_K in the Standard Model and beyond

Thursday 23 September 2021 17:20 (25 minutes)

In this talk I will present the updated Standard Model prediction of the golden rare Kaon decay modes and the CP violating parameter ϵ_K . I will focus on the recent theoretical improvements which result in an increased sensitivity to physics beyond the Standard Model. I will also present a computer program that provides the results of the relevant perturbative calculations in a wide class of renormalisable models.

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