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B physics with lattice QCD: status and prospects

Tuesday 27 September 2016 11:50 (35 minutes)

Summary

In recent years we have seen significant improvements in lattice QCD calculations for quark flavor physics. In this talk I will focus on calculations of “simple” quantities (where the initial and final states contain at most one (stable) hadron) with complete error budgets. After reviewing recent results relevant for weak processes involving B -mesons, I will discuss their phenomenological implications and future prospects.

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Session Classification: Flavor