

The complete charm-quark contribution to ϵ_K and ΔM_K

vendredi 22 juillet 2011 16:50 (15 minutes)

Neutral Kaon mixing plays an important role in the phenomenology of the standard model and its extensions because of its sensitivity to high-energy scales. In this talk I will give a summary of the theory prediction of ϵ_K and ΔM_K and present our new NNLO QCD calculation of the charm-quark contribution η_{cc} to the $\Delta S = 2$ effective Hamiltonian.

Auteur principal: Dr BROD, Joachim (Excellence Cluster Universe, TU Munich)

Orateur: Dr BROD, Joachim (Excellence Cluster Universe, TU Munich)

Classification de Session: Flavour Physics and Fundamental Symmetries

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