

Signs of New Physics in rare B decays

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Abstract

Search for physics beyond the Standard Model (SM) started in the 1970's, and no new physics signal has been discovered so far. Very recently, several consistent deviations from the SM have been measured in flavour physics observables, and in particular in semileptonic B decays. In this presentation, I will discuss the role of flavour physics in the quest for new physics, the implications of the current measurements and future perspectives.