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Charming new physics

There is experimental evidence for a direct CP asymmetry in singly Cabibbo suppressed D decays, ΔA_{CP} of order a percent. Naive expectations are that the Standard Model contribution to ΔA_{CP} is an order of magnitude smaller. We explore the possibility that a major part of the asymmetry comes from new physics. In this context we discuss accommodating this large contribution to CP violation in charm decays in both a minimal model with an extra scalar doublet, previously suggested to explain the large forward-backward asymmetry in $t\bar{t}$ production at the Tevatron, as well as in supersymmetric flavor models.

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