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Flavour and CP violation in the quark sector - a non-exhaustive theory overview

Monday 16 September 2013 15:00 (45 minutes)

I present an overview of the theoretical status of flavour and CP violation. Emphasis is put on the route towards the discovery and identivication of BSM flavour structures by

1. determining the CKM elements from tree level decays

2. identifying benchmark observables with large BSM sensitivity

3. linking observations in various weak meson decays with each other as well as with high-p_T data in order

to identify the underlying BSM scenario.

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