



Contribution ID: 94

Type: talk

Unitarity Triangle Analysis within and beyond the SM

Tuesday, 17 September 2013 17:30 (30 minutes)

We present the summer 2013 update of the Unitarity Triangle (UT) analysis performed by the UTfit Collaboration within the Standard Model (SM) and beyond. We include as input for our analysis all the measurements available by August 2013. We also present the generalisation of the UT analysis to investigate new physics (NP) effects, updating the constraints on NP contributions to $\Delta F = 2$ processes. Finally, based on the NP constraints, we derive upper bounds on the coefficients of the most general $\Delta F = 2$ effective Hamiltonian. These upper bounds can be translated into lower bounds on the scale of NP that contributes to these low-energy effective interactions.

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Session Classification: Working Group 3

Track Classification: Working Group 3