

## Update of the Unitarity Triangle Analysis

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We present the update of the Unitarity Triangle (UT) analysis within the Standard Model (SM) and beyond. Within the SM, combining the direct measurements on sides and angles, the UT turns out to be overconstrained in a consistent way, showing that the CKM matrix is the dominant source of flavour mixing and CP-violation and that New Physics (NP) effects can appear at most as small corrections to the CKM picture. Generalizing the UT analysis to investigate NP effects, constraints on  $b \rightarrow s$  transitions are also included and both CKM and NP parameters are fitted simultaneously. While no evidence of NP effects is found in  $K-\bar{K}$  and  $B_d-\bar{B}_d$  mixing, in the  $B_s-\bar{B}_s$  mixing a hint of NP is found. The UT analysis beyond the SM also allows us to derive bounds on the coefficients of the most general  $\Delta F = 2$  effective Hamiltonian, that can be translated into bounds on the NP scale.

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