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Probing the New Physics scale with the Unitarity Triangle fit

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The Unitarity Triangle (UT) analyses within and beyond the SM are powerful tools to summarise the state of the art and explore the possibilities for future new physics (NP) searches. We present the update of the Unitarity Triangle analysis in a scenario beyond the Standard Model. Combining all available experimental and theoretical information on $DF=2$ processes and using a model-independent parametrisation, we extract the allowed NP contributions in the kaon, D, Bd, and Bs sectors. Then in various NP scenarios, we extract the NP lower scale as function of the NP coupling with the SM.

Summary

Primary author(s) : Dr. BONA, Marcella (Queen Mary University of London)

Presenter(s) : Dr. DERKACH, Denis (University of Oxford)

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