

Searches for BSM physics through CP violation at CDF

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We report the latest results from indirect searches for BSM physics using charge-parity violating processes in the full 9.6 fb^{-1} dataset collected by CDF in Tevatron Run II.

These include the confirmation of CP violation in charm with world leading resolution, final measurements of the bottom-strange mixing phase (β_s) using $B_s \rightarrow J/\psi \Phi$ decays, measurements of the branching fractions of $B_s \rightarrow D_s^{(\pm)} D_s^{(\mp)}$ that help constrain $\Delta\Gamma_s$, and final measurements for charge-parity violation in hadronic B decays.

Primary author: LEO, Sabato (Pisa)

Presenter: LEO, Sabato (Pisa)

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