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Mixing-induced CP Asymmetry in semileptonic B-meson decays at BaBar

Thursday, 15 August 2013 13:30 (20 minutes)

We present the measurements of mixing-induced CP asymmetry in semileptonic B-meson decays using the full data set collected at the peak of the Y(4S), with the BABAR detector at SLAC. The lepton charge directly identifies the B meson flavor in decays; charged kaons are also used in tagging B meson flavor. Asymmetry between B meson pairs decaying as B0-B0 and B0bar-B0bar indicates CP violation in mixing.

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