

Abstract Submitted
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Measurement of the B_s^0 Mixing Phase β_s with the CDF II Detector

ELISA PUESCHEL, Carnegie Mellon University, CDF COLLABORATION — We present the latest CDF results on the determination of the B_s^0 mixing phase β_s , based on an angular- and time-dependent analysis of the $B_s^0 \rightarrow J/\psi\phi$ decay mode, including determination of the flavor of the B_s^0 meson at production. We discuss the compatibility of the result with Standard Model predictions as well as combination with other results and give prospects for further improved precision measurements.

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