

Abstract Submitted
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Current Status of CP Violation Measurements from D0 JOHN ELLISON, UC Riverside, DZERO COLLABORATION — We present the current status of searches for CP violation in the B_s system in the D0 Experiment. The results include a measurement of the CP-violating phase (ϕ_s) from flavor-tagged $B_s \rightarrow J/\psi\phi$ decays, indirect searches for CP violation from charge asymmetries in semileptonic B_s decays, and a measurement of the predominantly CP-even branching fraction $Br(B_s^0 \rightarrow D_s^{(*)+} D_s^{(*)-})$. Combined results are presented and exclusion contours are obtained in the B_s lifetime difference vs ϕ_s plane.

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