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CP Violation in $B \to J/\psi X$ Modes KAREN GIBSON, University of Pittsburgh, CDF COLLABORATION — In the $B^0$ system, CP violation occurs dominantly via the CKM mechanism, which produces little violation of CP in the $B^0_s$ system. We report on the effort to measure the parameters: $\sin 2\beta$, which applies in the $B^0$ system (and which has already been tightly constrained at the $B$ factories), and $\sin 2\beta_s$ which applies in the $B^0_s$ system (and which is expected to be small in the absence of additional, non-CKM sources of CP violation).

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