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B Mixing and DeltaGamma_s, CP violation

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The precise determination of CP violation in the B meson system has been one of the goal of particle physics in the last decade. The Standard Model description of the CP violation phenomenology has been proved to be successful by accurate measurements using B^+ and B^0 decays at the B factories. So far, comparable experimental knowledge in the B_s sector has been lacking, but the experiments at Tevatron collider, CDF and D0, are now providing experimental results capable to set bounds on the New Physics presence. This talk will review the present status of mixing and CP violation observables in the B_s system, measured at Tevatron.”

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