

Abstract Submitted
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***B0* Mixing and Flavor Taggers in Exclusive *B* Decays at CDF** ALBERTO BELLONI, MIT, CDF COLLABORATION — Since May 2002 the CDF detector at Fermilab's Tevatron $p\bar{p}$ collider has collected around 360 pb^{-1} of physics quality data, about three times as much as the previous Run I data set. The new Silicon Vertex Trigger processor allows one to select events containing displaced tracks, opening up the collection of fully hadronic samples enriched in charm and beauty hadrons. In particular, it permits the measurement of the B_s oscillation frequency on fully reconstructed hadronic samples. Measurement of the $B0$ mixing frequency is an important milestone towards a B_s mixing analysis. Preliminary studies of $B0$ mixing using the *same-side* and opposite-side flavor tagging techniques are presented. For this analysis a large number of fully hadronic decays are combined.

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