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## Measurement of $D^0$ - $D^0$ bar Mixing at CDF

The full CDF Run II data set, corresponding to an integrated luminosity of 9.3/fb of p-pbar collisions at 1.96 TeV, is used to measure the time-dependent ratio of decay rate for  $D^0 \rightarrow K^+ \pi^-$  to that for  $D^0 \rightarrow K^- \pi^+$ . The ratio is used to determine the mixing parameters  $R_D$ ,  $x^2$ , and  $y'$  and the significance of excluding the no-mixing hypothesis  $x^2 = y' = 0$ .

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