

Charm mixing and CPV at CDF

The CDFII detector at the Fermilab Tevatron has now collected more than 5 fb⁻¹ of data, and using an impact parameter trigger has collected the largest existing samples of $D^{*+} \rightarrow D^0\pi^+$, where D^0 decays as $D^0 \rightarrow h^+h^-$ (with $h = K$ or π). We present updated measurements of decay rates in these channels, which allow precise measurements of CP violation and flavor mixing in the charm sector.

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