

Abstract Submitted
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Measurement of D^0 decays to $K^0\pi^0$ at Belle MANMOHAN DASH,
Virginia Tech, BELLE COLLABORATION — We present a measurement of the
ratio of D^0 decay rates into $K_L^0\pi^0$ and $K_S^0\pi^0$ final states. This ratio can be used
to disentangle the Cabibbo favored $D^0 \rightarrow \bar{K}^0\pi^0$ and doubly Cabibbo suppressed
 $D^0 \rightarrow K^0\pi^0$ amplitudes, and contributes to the important goal of constraining the
strong phase $\delta_{K\pi}$ between $D^0 \rightarrow K^-\pi^+$ and $D^0 \rightarrow K^+\pi^-$. The measurement is
based on data accumulated by the Belle detector at the KEKB e^+e^- collider.

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