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study of $B^0 \rightarrow \phi K_s^0$ and $\Lambda_b \rightarrow \phi \Lambda$ decays at CDF
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Using over 330 pb^{-1} of Run II data collected by the CDF detector,
we evaluate the prospects for reconstructing gluonic penguin decays
 $B^0 \rightarrow \phi K_s^0$ and $\Lambda_b \rightarrow \phi \Lambda$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$. The
 $K_s^0 \rightarrow \pi^+\pi^-$ and $\Lambda \rightarrow p^+\pi^-$ decays are reconstructed using a dedicated
algorithm, which is studied using $D^0 \rightarrow \phi K_s^0$ decays.

Prefer Oral Session
 Prefer Poster Session

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