



Contribution ID: 547

Type: **Poster Presentation**

Measurement of charge asymmetry in $B \rightarrow \mu D^0 X$ decays at D0

We present the first measurement of the direct CP-violating charge asymmetry in B^\pm mesons decaying to $\mu^\pm D^0 X$ where the D^0 decays to $K^+\pi^-$, using 10.4 fb^{-1} of proton-antiproton collisions collected by the D0 detector during Run II at the Fermilab Tevatron Collider.

Experimental Collaboration

D0

Authors: HIROSKY, Bob (University of Virginia (US)); TUCHMING, Boris (CEA Saclay); COLLABORATION, D0 (Fermilab)

Presenter: COLLABORATION, D0 (Fermilab)

Session Classification: Poster session

Track Classification: Flavour Physics and Fundamental Symmetries