

Abstract Submitted  
for the APR08 Meeting of  
The American Physical Society

***CP* Violation in  $B \rightarrow DK$  Decay Modes at CDF** PAOLA GAROSI,  
INFN Pisa, CDF COLLABORATION — The CKM angle  $\gamma$  can be cleanly deter-  
mined from *CP* asymmetries in suppressed  $B^+ \rightarrow D^0 K^+$  decays, where it enters  
at tree-level. These measurements do not require flavor tagging and are currently  
statistics-limited, which makes them particularly interesting for hadron colliders.  
We present the latest CDF results for the submodes  $D^0 \rightarrow K^+ K^-$ ,  $\pi^+ \pi^-$  (*CP*+  
modes) and the DCS mode  $D^0 \rightarrow K^+ \pi^-$ .

Manfred Paulini  
Carnegie Mellon University

Date submitted: 10 Jan 2008

Electronic form version 1.4