

Abstract Submitted  
for the APR06 Meeting of  
The American Physical Society

**$D \rightarrow KK$  decays** HIRO MIYAKE, Cornell University, CLEO COLLABORATION — The CLEO-c experiment at the CESR  $e^+e^-$  collider has collected 281  $\text{pb}^{-1}$  of data at the  $\psi(3770)$  resonance. Using this data sample we have studied Cabibbo suppressed decays of  $D$  mesons to final states with kaons. We present preliminary results for the branching fractions of the two-body decays  $D^0 \rightarrow K^+K^-$ ,  $D^0 \rightarrow K_S^0K_S^0$ , and  $D^+ \rightarrow K^+K_S^0$ .

Hiro Miyake  
Cornell University

Date submitted: 10 Jan 2006

Electronic form version 1.4