

Abstract Submitted  
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**Observation of  $D^0 \rightarrow \eta\omega$**  MACKENZIE SMITH, DAVID CINABRO,  
Wayne State University, CLEO COLLABORATION — Numerous singly-Cabibbo-suppressed charm meson decays are as yet unobserved. Here we report the observation of  $D^0 \rightarrow \eta\omega$  in the CLEO data set. Besides the value of branching fraction of this decays in helping to measure  $\eta - \eta'$  mixing, it is an important background in  $D^0$  Dalitz decays, such as  $D^0 \rightarrow K_s^0\pi^0\eta$  which is where we stumbled across it.

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