

D rare/forbidden decays

Wednesday, 20 May 2015 09:50 (20 minutes)

Based on the sample taken at $\sqrt{s} = 3.773$ GeV with 2.92/pb, which corresponds to the largest sample of $e^+e^- \rightarrow \psi(3770)$ in the world to date, we present our results of searches for flavor changing neutral current and lepton number violation decays of the charged D meson in the final states of; $D^+ \rightarrow K^+ e^+ \nu$, $K^- e^+ e^+$, $\pi^+ e^+ e^-$, $\pi^+ e^+ \nu$, as well as other searches such as for $D^0 \rightarrow \gamma \gamma$.

Primary author: Dr LYU, Xiao-Rui (UCAS)

Presenter: Dr ZHAO, Minggang (Nankai University)

Session Classification: Parallel Session 3