

Studies of XYZ resonances with open-charm

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As an iso-spin partner of the charged $Z_{cs}(3985)$ state, the evidence for a neutral near-threshold structure in the K_s recoil-mass spectra in $e^+e^- \rightarrow K_s(D_s^- D^{*+} + D_s^{*-} D^+)$ will be reported. Also, there will be report of searching for $X(3872) \rightarrow \pi^0 \chi_{c0}$ and $X(3872) \rightarrow \pi\pi \chi_{c0}$ at BESIII. For the Y state, the cross-section measurements of the $e^+e^- \rightarrow D^{*+} D^{*-}$ and $e^+e^- \rightarrow D^{*+} D^-$ processes at center-of-mass energies from 4.085 to 4.600 GeV will be given in this talk.

Category

talk

Primary author: LIU, Tong (Fudan University)

Presenter: LIU, Tong (Fudan University)

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