25th International Workshop on Deep Inelastic Scattering and Related Topics



Contribution ID: 266

Type: not specified

## New X, Y, and Z results from BESIII

Wednesday 5 April 2017 14:18 (18 minutes)

BESIII has collected about 9 pb<sup>-1</sup> electron positron annihilation sample at 4.0–4.6 GeV. With this large sample, new searches for exotic states and precise studies of line-shape during this energy region are performed. We present the measurements of cross sections with final states  $\pi^+\pi^-\psi(2S)$ ,  $K\bar{K}J/\psi$ ,  $\pi^+\pi^-h_c$ ,  $\pi^+\pi^-J/\psi$ ,  $\gamma\eta_c$ ,  $\eta Y(2175)$ , and  $\pi^0\pi^0\psi(2S)$ , and corresponding interpretations of observed structures are discussed.

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Track Classification: WG5) Physics with Heavy Flavours