



Contribution ID: 19

Type: **not specified**

## Exotic and Charmonium(-like) states at BESIII

*Wednesday, 5 August 2015 17:00 (20 minutes)*

The BESIII Experiment at the Beijing Electron Positron Collider (BEPCII) has accumulated the world's largest samples of direct  $e^+e^-$  collisions in the tau-charm region. From the collected samples, which include  $e^+e^-$  annihilations at  $J/\psi$ ,  $\psi(2S)$ ,  $\psi(3770)$  peaks and in the region from 4 GeV to 4.6 GeV, BESIII has produced many new physics results in the spectroscopy, transitions, and decays of charmonium(-like) states. This talk will cover the latest results over a wide range of topics from radiative and hadronic transitions among charmonium states, as well as the productions and decays of the  $XYZ$  states.

### Oral or Poster Presentation

Oral

**Primary author:** Dr LIU, Peilian, on behalf of the BESIII collaboration (Institute of High Energy Physics Chinese Academy of Sciences, China)

**Presenter:** Dr LIU, Peilian, on behalf of the BESIII collaboration (Institute of High Energy Physics Chinese Academy of Sciences, China)

**Session Classification:** QCD and Heavy Ions

**Track Classification:** QCD Experiment