

Contribution ID: 111

Type: **Invited**

## Light meson spectroscopy at BESIII

*Saturday, 27 June 2026 09:00 (30 minutes)*

Using the world's largest samples of  $J/\psi$  and  $\psi(3686)$  events produced in  $e^+e^-$  annihilation, BESIII is uniquely positioned to investigate light hadrons in radiative and hadronic charmonium decays. This includes detailed studies of exotic hadron candidates such as multiquark states, hybrid mesons and glueballs. Recent highlights on the light exotics searches, including a glueball-like particle  $X(2370)$ , exotics state  $\pi_1(1600)$ , new production mode of exotics  $\chi_1(1855)$ , as well as the new strangeonium state  $X(2300)$ , will be presented.

### Collaboration

BESIII

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