

Recent results from BESIII experiment

Saturday, October 30, 2021 2:00 PM (30 minutes)

BESIII is an experiment running at tau-charm energy region at the Beijing Electron Positron Collider (BEPCII). Since the first data taking in 2009, BESIII has accumulated the world's largest data samples of D and Ds meson decays, 10 billion J/ψ and 2.7 million $\psi(3686)$ events, and about 100 million events with center-of-mass energy between 4 and 4.9 GeV for studies of nonstandard hadrons and the Λ_c . In this talk, the most recent results on the exotic charmoniumlike XYZ states, light hadron spectroscopy, the weak decays of the charmed hadrons will be reported. The measurements where lattice QCD calculations are needed will be emphasized.

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Session Classification: session2