

Heavy Quarks & Leptons



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Recent results from BESIII

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Using samples of 106M $\psi(2S)$ events and 226M J/ψ events collected with the Beijing Spectrometer (BESIII) at the Beijing Electron-Positron Collider, we report preliminary results on charmonium decay and Light Hadron Spectroscopy. These include χ_{cJ} to $4\pi^0$, VV ($V = \omega$ or ϕ), γV ($V = \omega, \rho$ or ϕ), $\psi(2S) \rightarrow \gamma\gamma J/\psi$, the study of $a_0(980) - f_0(980)$ mixing, the confirmation of $X(1860)$ in both $\psi(2S)$ and J/ψ data samples and the confirmation of $X(1835)$ in $J/\psi \rightarrow \gamma\eta'\pi^+\pi^-$ decay.

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