

Lattice studies of charmonia and exotics

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I will present some recent lattice QCD studies of charmonia and exotic hadrons.

Belle experiment found an alternative candidate $X^*(3860)$ for the excited scalar charmonium $\chi_{c0}(2P)$ in 2017. I will report on the preliminary results on the related scalar resonance obtained by simulating $D\bar{D}$ scattering on the CLS lattice ensembles. D0 experiment claimed the evidence for an exotic hadron $X(5568)$ in 2016 and I will report on the lattice QCD search for this hadron in $B_s\pi$ scattering.

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