



Contribution ID: 45

Type: **Oral**

Holographic approach to exotic hadrons

Monday, 25 November 2024 14:00 (30 minutes)

After 60 years of quantum chromodynamics (QCD) and the quark constituent model, new experimental evidence challenges existing descriptions of hadronic states. This work introduces a holographic approach to describing exotic vector states emerging in heavy quarkonium. We propose a WKB-based approach inspired by diquark Regge trajectories to infer the structure of the holographic confining potential. The eigenvalues of this potential will characterize these heavy exotic states.

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Session Classification: Parallel-2