

Confinement potential from holographic approach to strong interactions

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We derive and analyze the confinement potential of the Cornell type between two static color sources within the framework of a generalized Soft Wall holographic approach to strong interactions. This approach was originally developed for describing the linear Regge spectrum of light mesons. The "linear plus Coulomb" confinement potential is obtained both in the vector and in scalar channels. It is shown that the quantitative agreement with the phenomenology and lattice simulations is better in the scalar channel.

The speaker is a student or young scientist

No

Section

1. Intermediate and high energies, heavy ion collisions

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