

The lightest scalar meson and its non-ordinary nature.

Thursday, 10 September 2015 15:00 (30 minutes)

In this talk I will review the present status of the lightest scalar meson resonance, which has been a controversial state for many decades despite playing a central role in our understanding of the QCD spontaneous symmetry breaking and the nucleon-nucleon attraction. Recently, the debate about its existence and parameters has been finally settled.

In addition, there are strong indications that this is not an ordinary quark-antiquark state, coming from large N_c , Regge Theory, and many other approaches, including lattice.

Primary author: PELAEZ, Jose R. (Universidad Complutense)

Presenter: PELAEZ, Jose R. (Universidad Complutense)

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