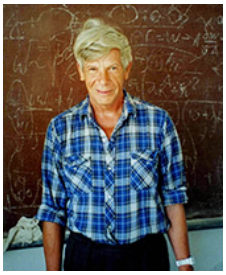

Contribution ID: **57** Type: **Session Talk**

First order phase transition in the composite Higgs scenario in the framework of holography

Monday, 10 October 2022 17:10 (25 minutes)

Our research is dedicated to studying the composite Higgs model in the framework of a soft-wall holography. The Higgs field arises as the pseudo-Goldstone mode corresponding to a dynamical symmetry breaking in a new strongly coupled sector leading to a first order phase transition. The bubble nucleation in the early universe can occur in this instance. We present the perturbation theory approach for the homogeneous solutions.

The preprint with the main results has been published at arxiv.org/abs/2209.02331

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