COMPETING FORCES IN 5-DIMENSIONAL COMPOSITE HIGGS MODELS

Abstract

It is a very attractive idea that the Higgs boson is the fifth component of a gauge field in 5 dimensions, and that its condensation is driven by top quark mass generation. However, this idea leads to several distinct hierarchy problems. I will discuss some strategies involving additional vectorlike quarks and subgroup alignment that might be helpful in ameliorating these problems.

The seminar will be held on Thursday, 5 May 2016, at 10:00,
Melamed Hall (6) Shenkar Physics building,
Tel-Aviv University, Ramat-Aviv

Light refreshments will be served before each lecture