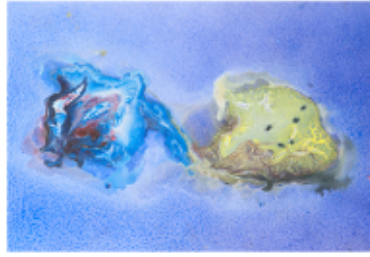


Quark Confinement and the Hadron Spectrum XI



Contribution ID: 230

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Fundamental Composite Higgs Dynamics

Thursday 11 September 2014 15:00 (30 minutes)

The discovered Higgs boson has properties similar to the ones expected from the standard model, however the possibility that it may be a state composite of fundamental fermions is not excluded. It may in fact be either a heavy resonance of the dynamics, or a light pseudo-Goldstone boson. In truth, the two cases are limits of a more general scenario. I will review the state of the art of the construction of dynamical models of composite Higgses, with main focus on the interplay between lattice results, knowledge of the fundamental dynamics and study of a symmetry-based effective Lagrangian.

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Session Classification: Parallel VI: G3 Strongly Coupled Theories

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