32nd International Symposium on Lattice Field Theory (Lattice 2014)



Contribution ID: 44

Type: Talk

## Models of Walking Technicolor on the Lattice

Monday, 23 June 2014 14:15 (20 minutes)

We perform lattice simulations gauge theories with fermions in non-fundamental representations of the gauge group, which might be models for Walking Technicolor theories. In particular we update results reported earlier on SU(3) gauge theory with colour-sextet quarks. In addition we will report on results (if any) obtained for SU(2) gauge theory with colour-adjoint fermions.

Primary author: Dr SINCLAIR, Donald (Argonne National Laboratory)
Co-author: Dr KOGUT, John (DOE, University of Maryland)
Presenter: Dr SINCLAIR, Donald (Argonne National Laboratory)
Session Classification: Physics beyond the standard model

Track Classification: Physics Beyond the Standard Model