Contribution ID: **154** Type: **Poster**

A new method to calculate the Dirac operator spectral density

Wednesday, 15 July 2015 18:30 (2h 30m)

We describe a new method to determine in a stochastic fashion the Dirac
operator spectral density over the entire range of eigenvalues. This allows for example studies of the chiral limit of the fermion condensate, the mode number and the anomalous mass dimension. We apply this technique to the 2-flavor sextet SU(3) gauge theory, to investigate this theory's viability as a minimal realization of the composite Higgs scenario.

Primary author: Prof. HOLLAND, Kieran (University of the Pacific)

Presenter: Prof. HOLLAND, Kieran (University of the Pacific)

Session Classification: Poster Session

Track Classification: Theoretical Developments