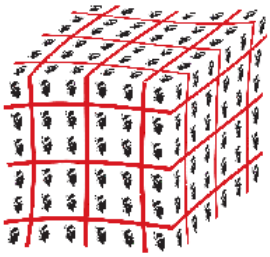

Contribution ID: **237** Type: **not specified**

Absolute Measure of Local Chirality and the Chiral Polarization Scale of the QCD Vacuum

Tuesday, 15 June 2010 18:00 (5 minutes)

We champion use of the absolute measure of local chirality since it has a uniform distribution for randomly reshuffled chiral components so that any deviations from uniformity in the associated "X-distribution" are directly attributable to QCD-induced dynamics.

We observe a transition in the qualitative behavior of the absolute X-distribution of low-lying eigenmodes which, we propose, defines a chiral polarization scale of the QCD vacuum.

Please, insert your presentation type (talk, poster)

poster

Primary authors: Prof. ALEXANDRU, Andrei (The George Washington University); Dr HORVATH, Ivan (University of Kentucky); DRAPER, Terrence (University of Kentucky); Dr STREUER, Thomas (University of Regensburg)

Presenter: DRAPER, Terrence (University of Kentucky)

Session Classification: Poster session

Track Classification: Chiral symmetry