



Contribution ID: 345

Type: **not specified**

Chiral symmetry breaking in continuum QCD

Monday, 29 August 2016 18:50 (20 minutes)

Yang-Mills theory and 2-flavour QCD are investigated with the functional renormalisation group equation in the vacuum. Starting from the perturbative parameters of QCD as only input, the effective action is calculated in a vertex expansion. The focus is put on the properties of the corresponding 1PI correlations functions as well as the relation between confinement and chiral symmetry breaking.

Summary

Primary author: MITTER, Mario (Univ. Heidelberg)

Co-authors: CYROL, Anton; PAWLOWSKI, Jan M. (University of Heidelberg); Dr STRODTHOFF, Nils (LBNL)

Presenter: MITTER, Mario (Univ. Heidelberg)

Session Classification: Section A

Track Classification: Section A: Vacuum Structure and Confinement