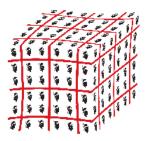
## Lattice2010



Contribution ID: 270 Type: not specified

## One flavour QCD

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

The investigated theory has one Wilson fermion in the fundamental representation with colour gauge group SU(3).

In addition to studying the one flavour theory particle spectrum, we test by Monte-Carlo simulations the existence of a CP-symmetry breaking phase and predictions from the orientifold planar equivalence.

The poster also describes the computation of the Wilson-Dirac operator determinant sign.

## Please, insert your presentation type (talk, poster)

poster

Primary author: Dr FARCHIONI, Federico (uni Muenster)

**Co-authors:** Dr FARCHIONI, Federico (uni Muenster); Dr BERGNER, Georg (uni Muenster); Prof. MUENSTER, Gernot (uni Muenster); Prof. MONTVAY, Istvan (DESY Hamburg); WUILLOUD, Jair (uni Bern); Prof. WENGER, Urs (uni Bern)

**Presenter:** WUILLOUD, Jair (uni Bern)

**Session Classification:** Poster session

Track Classification: Chiral symmetry