



Contribution ID: 240

Type: **not specified**

Sigma term and strange content of the nucleon

Tuesday, 15 June 2010 15:10 (20 minutes)

The sigma term and strange content of the nucleon play an important role in hadronic physics and dark matter detection. Preliminary results for these quantities, obtained from 2+1 flavor lattice QCD simulations, will be presented. Emphasis will be put on controlling and quantifying systematic errors. This work is performed as part of a Budapest-Marseille-Wuppertal + Regensburg collaboration.

Please, insert your presentation type (talk, poster)

talk

Primary author: RAMOS, Alberto (Centre de Physique Theorique, Marseille (CNRS))

Presenter: RAMOS, Alberto (Centre de Physique Theorique, Marseille (CNRS))

Session Classification: Parallel 33: Hadron spectroscopy

Track Classification: Hadron spectroscopy