



Contribution ID: 228

Type: Talk

Running coupling from Wilson flow for three quark flavors

Monday, July 25, 2016 6:25 PM (20 minutes)

The running coupling constant $\alpha_s(Q^2)$ is computed from the Wilson flow for three quark flavors on multiple volumes and a wide range of lattice spacings, which allows for a continuum extrapolation. Of particular interest is the behavior at small Q^2 and the question of an infrared fixed point.

Author: Prof. SCHIERHOLZ, Gerrit (DESY)

Presenter: Prof. SCHIERHOLZ, Gerrit (DESY)

Session Classification: Standard Model Parameters and Renormalization

Track Classification: Standard Model Parameters and Renormalization