



Contribution ID: 178

Type: **not specified**

EOS in 2+1 flavor QCD with improved Wilson quarks by the fixed scale approach

Monday, 14 June 2010 17:00 (20 minutes)

Status of our study on the equation of state in 2+1 flavor QCD will be presented. We apply the T-integration method to calculate the EOS in the fixed scale approach nonperturbatively. The calculations are performed with the same parameters as the CP-PACS/JLQCD spectrum study, in which the non-perturbatively improved Wilson quarks coupled with the RG improved glue are adopted. We discuss the results in 2+1 QCD by comparing with the results in quenched QCD at fixed scale.

Please, insert your presentation type (talk, poster)

talk

Primary author: UMEDA, Takashi (Hiroshima Univ.)

Presenter: UMEDA, Takashi (Hiroshima Univ.)

Session Classification: Parallel 04: Nonzero temperature and density

Track Classification: Nonzero temperature and density