



Contribution ID: 23

Type: **parallel**

Functional Renormalization for Deconfinement Phase Transition in Friedberg-Lee Model

Thursday, 7 August 2014 15:20 (20 minutes)

We investigate the deconfinement phase transition at high temperature and density in the frame of Friedberg-Lee model. The method we employ is based on the exact renormalization group equation for the free energy. The truncated nonperturbative flow equations are derived and solved via both grid and potential expansion. We find that the deconfinement is a first order phase transition at high temperature and density.

Primary author: SHIJUN, mao (X)

Presenter: SHIJUN, mao (X)

Session Classification: Theoretical developments 1