



Contribution ID: 124

Type: **Poster**

Testing the density of states method for the effective center model of QCD

Tuesday, 24 June 2014 18:10 (2 hours)

We use the density of states method to compute the observables of the effective center model of QCD at finite density (where the system suffers from a complex phase problem). The density of states method is a reweighting method based on an improved evaluation of histograms for the distribution of states. We test this approach against the results from the dual simulations of the model, where the sign problem is absent.

Primary author: Mr TOEREK, Pascal (University of Graz)

Co-authors: Prof. GATTRINGER, Christof (University of Graz); Dr DELGADO MERCADO, Ydalia (University of Graz)

Presenter: Dr DELGADO MERCADO, Ydalia (University of Graz)

Session Classification: Poster session

Track Classification: Nonzero Temperature and Density