Fluctuations, Correlations and RHIC Low Energy Runs
Hamilton Seminar Room, Chemistry, Bldg. 555
October 3-5, 2011

Monday, October 3

Chair: S. Mukherjee

08:30-08:45 Registration
08:45-09:00 N. Samios Welcome
09:00-09:45 N. Xu Study QCD Phase Structure in STAR Experiment
09:45-10:30 J. Mitchell PHENIX Overview

~ ~ Coffee ~ ~

11:00-11:30 M. Stephanov Non-Gaussian Fluctuations at the QCD Critical Point
11:30-12:00 M. Asakawa Cumulants of Conserved Charges and QCD Phase Structure

~ ~ Lunch ~ ~

Chair: R. Pisarski

14:00-14:30 M. Kitazawa Revealing Baryon Number Fluctuations in Heavy Ion Collisions
14:30-15:00 V. Skokov Non-perturbative Dynamics and Charge Fluctuations in Effective Chiral Models

~ ~ Coffee ~ ~

15:30-16:00 J. Liao Three Quarks for Muster Mark--- Lessons Learned from Susceptibilities
16:00-16:30 M. Nahrgang Fluctuations of Conserved Charges within Dynamic Models of Heavy-ion Collisions

Tuesday, October 4

Chair: K. Rajagopal

09:00-09:30 K-F. Liu Lattice Calculation of QCD Critical Point with the Canonical Ensemble
09:30-10:00 S. Ejiri Study of QCD Phase Transition at Finite Density by a Histogram Method
10:00-10:30 L. Chen Probing the QCD Phase Transition Using Cumulants of Net-proton Multiplicity at RHIC

~ ~ Coffee ~ ~

11:00-11:30 C. Ratti Recent Results on Correlations and Fluctuations from the Wuppertal-Budapest Lattice QCD Collaboration
11:30-12:00 P. Hegde Fluctuations and Correlations: Comparing Lattice QCD to the Hadron Resonance Gas Model

~ ~ Lunch ~ ~
Tuesday, October 4 (afternoon)

Chair: D. Kharzeev

13:45-14:15 S. Gupta TBA
14:15-14:45 C. Schmidt Higher Moments of Hadronic Fluctuations and QCD Critical Behavior from Lattice Simulations
14:45-15:15 K. Redlich Probing QCD Phase Boundary with Charge Fluctuations and their Probability Distributions

~~ Coffee ~~

15:45-16:45 Chair: N. Xu: Discussion Session: Theory, Experiments and Lattice QCD

~~ Workshop Dinner, 18:00-19:30, Berkner Hall ~~

Wednesday, October 5

Chair: M. Stephanov

09:00-09:30 Y. Gu Flow at Low Energies (PHENIX)
09:30-10:00 P. Sorensen Flow at Low Energies (STAR)
10:00-10:30 N. R. Sahoo Higher Moments of Net-charge Fluctuations (STAR)

~~ Coffee ~~

11:00-11:30 M. Lisa The Energy Dependence of the Freeze-out Source Shape Measured by Azimuthally-sensitive HBT in STAR
11:30-12:00 A. Sen J/Psi Results at 39 & 62 GeV (PHENIX)

~~ Lunch ~~

13:45-14:30 P. Seyboth Status of Fluctuation Studies in NA49 at CERN SPS Energies
14:30-15:00 T. Tarnowsky Current Results for Dynamical K/pi, p/pi, and K/p Fluctuations from the STAR Experiment
15:00-16:00 V. Koch Summary & More

~~ Coffee; Workshop Ends ~~