

Session Program

22-26 Sept 2014

**High Energy Strong Interactions: A School for
Young Asian Scientists**

***Session IV: Lattice Results and Search for
QCD critical point***

Central China Normal University
152 Luoyu Road, Central China Normal University, Wuhan 430079, China

Thursday 25 September

09:00

Session IV: Lattice Results and Search for QCD critical point

Session

Location: Central China Normal University, 152 Luoyu Road, Central China Normal University, Wuhan 430079, China

Conveners: Prof. Defu Hou, Yuanfang Wu

09:00–09:30

A Simple Idea for Lattice QCD at Finite Density

Speaker

Prof. Rajiv Gavai

Location

Central China Normal University, Seminar room 9409

09:30–10:00

Magnetism and Rotation on the Lattice

Speaker

Prof. Arata Yamamoto

Location

Central China Normal University, Seminar room 9409

10:00–10:30

Thermodynamic of Heavy-Light Hadrons

Speaker

Prof. Heng-Tong Ding

Location

Central China Normal University, Seminar room 9409

10:30–11:00

Tea break

11:00–11:30

Beam Energy Scan and the QCD Equation of State

Speaker

Dr Prasad Hegde

Location

Central China Normal University, Seminar room 9409

11:30–12:00

Exploring the QCD Phase Diagram for a Signature of the Critical Point

Speaker

Jian Deng

Location

Central China Normal University, Seminar room 9409

12:00–12:30

Search for the QCD Critical Point: Higher Moments of Net-proton Multiplicity Distributions at STAR

Speaker

Ji Xu

Location

Central China Normal University, Seminar room 9409

12:30-14:00 **Lunch break**

14:00-14:30

Generalized Susceptibilities Along the Phase Boundary from the 3-d, 3-State Potts Model

Speaker

Xue Pan

Location

Central China Normal University, Seminar room 9409

14:30-15:00

Inhomogeneous Polyakov Loop Induced by Inhomogeneous Chiral Condensates

Speaker

Tomoya Hayata

Location

Central China Normal University, Seminar room 9409

15:00-15:30

Deconfinement Phase Transition in the Heavy Quark Region

Speaker

Pok Man Lo

Location

Central China Normal University, Seminar room 9409

15:30-16:00

Tea break

16:00-17:00

Thermodynamic Uncertainty Relation and non-Gaussian Statistics

Speaker

Prof. Tamas Biro

Location

Central China normal University, Seminar room 9409

17:00-17:30

Electromagnetic Field and Anomalous Transport in Heavy-Ion Collisions and Cold Atoms

Speaker

Prof. Xu-Guang Huang

Location

Central China normal University, Seminar room 9409

18:00-20:00

Dinner

20:00