

Correlations and fluctuations in relativistic nuclear collisions

Friday 7th

Chair: T. Trainor

9:00 Introduction

9:10 M. Tannenbaum - *Review of hard scattering and jet analysis*

9:50 N. Grau - *Jet Correlations from PHENIX: Low-pT to High-pT*

10:30 D. Kettler - *e+e- fragmentation functions*

11:10 Coffee break

11:40 D. Prindle (J. Porter) – *Correlations in pp collisions*

12:20 M. Daugherty - *Angular correlations in STAR*

13:00 Lunch

Chair: R. Lacey

14:20 D. Wei Li - *Angular correlations in PHOBOS*

14:45 D. Prindle – *Review of pt fluctuations and correlations*

15:25 V. Koch – *Fluctuations of conserved quantities*

16:05 Coffee break

16:35 T. Trainor - *Review of analysis methods for correlations and fluctuations*

17:15 V. Konchakovski - *Fluctuations in High Energy Nucleus-Nucleus Collisions from Microscopic Transport Approaches*

17:40 V. Begun - *Particle number fluctuations in statistical models: effects of quantum statistics, global conservation laws, and resonance decays*

18:05 Round table discussion (sec. P.Steinberg) - *Correlations in nuclear collisions, analysis methods*

18:35 END

Saturday 8th

Chair: V. Koch

9:00 C. Roland – *Fluctuations studies in NA49*

9:40 C. Loizides – *Fluctuations studies in PHOBOS*

10:20 S. Das – *Fluctuations studies in STAR*

11:00 Coffee break

11:30 J. Mitchell - *Fluctuation and Low Transverse Momentum Correlation Results from PHENIX*

12:10 M. Rybczynski – *System size dependence of multiplicity fluctuations in Relativistic Heavy Ion Collisions*

12:35 D. Kresan - *Simulations of the Event-by-Event Fluctuations of Particle Yields Ratios*

13:00 Lunch

Chair: G. Roland

14:30 J. Nystrand - *Measures of charged particle fluctuations*

15:00 C. Pajares – *Multiplicity, transverse momentum and forward-backward long range correlations*

15:25 W. Broniowski - *p_T fluctuations and multiparticle clusters in heavy-ion collisions*

15:50 Coffee break

16:20 Round table discussion (sec. C. Pajares) - *Fluctuations in nuclear collisions*

16:50 R. Lacey - *What do elliptic flow measurements tell us about the matter created in the little bang at RHIC?*

17:30 J. Casalderrey Solana – *Hydrodynamic flow from fast particles*

18:00 Round table discussion (sec. J. Nystrand) – *Elliptic flow in nuclear collisions*

18:30 END

Sunday 9th

Chair: M. Tannenbaum

9:00 B. Alver - *Elliptic Flow Fluctuations at PHOBOS*

9:25 B. Lungwitz – *Energy dependence of multiplicity fluctuations in NA49*

9:50 D. Anchishkin – *High multiplicity influence on the pion-pion correlations in relativistic nuclear collisions*

10:15 Coffee break

10:45 A. Badala – *Soft physics in ALICE*

11:15 C. Zampolli – *Event by event physics in ALICE*

11:40 Round table discussion (sec. S. Das) – *Correlations and fluctuations theory: soft and hard processes in nuclear collisions*

12:10 G. Roland – *Summary talk*

12:50 Lunch