INT Program INT 12-1

Gauge Field Dynamics In and Out of Equilibrium

March 19 – 23, 2012

Monday, March 19, 2012
Room C421, Physics and Astronomy Tower

- 11:00 ~ Ulrich Heinz, The Ohio State Univ

  "Phenomenological limits on QGP shear viscosity and what they imply for QGP thermalization"
- 3:30 ~Discussion of bulk viscosity and its influence lead by Thomas Schaefer

Tuesday, March 20, 2012
Room C421, Physics and Astronomy Tower

- 11:00 ~ Jinfeng Liao, Indiana Univ

  "The 'First-Few-Fermi' after the 'Little Bang'"
- 3:30 ~Discussion of roles of elastic scattering, inelastic scattering and plasma instabilities in the thermalization of weak-coupled QCD

Wednesday, March 21, 2012
Room C421, Physics and Astronomy Tower

- 11:00 ~Aleksi Kurkela, McGill Univ

  "The role of plasma instabilities in thermalization"
- 3:30 ~ Continuation of Tuesday's discussion

Thursday, March 22, 2012
Room C421, Physics and Astronomy Tower

- 11:00 ~Sören Schlichting, Univ Heidelberg
  "The Nonlinear Glasma"
- 11:30 ~ Denes Sexty, Univ Heidelberg

  "Turbulence and Bose-Einstein Condensation Far from Equilibrium"
- 3:30 ~ Discussion of the lessons of scalar field theories and the differences between scalar and gauge theories

Friday, March 23, 2012
Room C421, Physics and Astronomy Tower

- 11:00 ~ Mike Strickland, Gettysburg College

  "Anisotropic Hydrodynamics"

INT Program Participants: March 19 – 23, 2012

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