

1 September, Thursday

Chair: Burkhard Kämpfer

- 9:00-9:30 Ulrich Heinz (*Uni. Ohio*)
'The QGP viscosity from RHIC to LHC'
- 9:40-10:10 Takeshi Kodama (*Uni. Rio de Janeiro*)
'Stochastic variational method and viscous hydrodynamics'
- 10:20-10:40 *coffee break*
- 10:40-11:10 Klaus Werner (*SUBATECH Nantes*)
'Hydrodynamical evolution in heavy-ion collisions and pp scatterings at the LHC'
- 11:20-11:50 Thomas Gasenzer (Heidelberg)
'Superfluid Turbulence and Nonthermal Fixed Points in Bose Gases'
- afternoon break*
- 16:30-17:00 *coffee*
- Chair: Jorgen Randrup
- 17:00-17:30 Rudy Marty (*SUBATECH Nantes*)
'QGP phase transition within local equilibrium molecular dynamics based on the NJL model'
- 17:40-18:10 Pasi Huovinen (*Uni. Frankfurt*)
'Lattice QCD based equation of state at finite baryon density'
- 18:20-18:50 Harri Niemi (*Uni. Frankfurt*)
'Derivation of transient relativistic fluid dynamics from the Boltzmann equation'
- 19:00 *dinner*

2 September, Friday

Chair: Ulrich Heinz

- 9:00-9:30 Rene Bellwied (*Uni. Houston*)
'Color-neutral bound states above the QCD transition from equilibrium and non-equilibrium processes'
- 9:40-10:10 Marlene Nahrgang (*SUBATECH Nantes*)
'Sigma- and pion-excitations in non-equilibrium chiral fluid dynamics'
- 10:20-10:40 *coffee break*
- 10:40-11:10 Sebastian Mendizabal (*Uni. Frankfurt*)
'Nonequilibrium dynamics in the early universe'
- 11:20-11:50 Krzysztof Redlich (*Uni. Wroclaw & CERN*)
'Probability distribution of conserved charges and the QCD phase transition'
- afternoon break*
- 16:30-17:00 *coffee*
- 17:00-17:30 Burkhard Kämpfer (*FZ Dresden - Rossendorf*)
'Transient Hydro'
- 17:40-18:10 Bjoern Schenke (*Brookhaven*)
'Higher flow harmonics in viscous hydrodynamics with fluctuating initial conditions'
- 18:20-18:50 Thomas Klahn (*Uni. Wroclaw*)
'Heavy-ion collisions and constraints from neutron star phenomenology'
- 19:00 *Conference dinner*

Chair: Krzysztof Redlich

3 September, Saturday

- 9:00-12:00 free discussions
- 19:00 *dinner*