

Balaton Workshop 2017 - Tihany Programme – v4 (06/15)

2017. June 19. Monday

10.00-11.00 Registration, arrival (Secretary: Szathmári, Nóra)

11.00-12.30 Morning Section (Convenor: Lévai, Péter)

11.00-11.10 Opening address

11.10-12.00 **Gyulassy, Miklós:** Consistency and Uniqueness of combined models of hard jet quenching and soft perfect fluid observables at RHIC and LHC and non-perturbative Lattice-QCD data

12.00-12.30 **Molnár, Dénes:** Self-consistent bulk viscous phase space corrections

12.30-13.30 Lunch break

13.30-15.30 Open air discussions

15.30-18.30 Afternoon Section (Convenor: Wolf, György)

15.30-16.00 Coffee break

16.00-16.30 **Barnaföldi Gergely:** HIJING++ Monte Carlo Jet Event Generator for the Future Collider Experiments

16.30-16.50 **Takács Ádám:** Non-extensive analysis of high-energy pp collisions and its implications for theories

16.50-17.20 **Jakovác Antal:** Black body radiation of strongly interacting matter

17.20-17.50 **Papp, Gábor:** Reconstruction of noisy correlation matrices

17.50-18.20 **Zimborás Zoltán:** Quantum Computing Strategies of Multinational Companies and the EU

18.20-18.30 Group Photo

18.30-19.00 Transfer to Gergely Pince

19.00-21.30 Wine-tasting and dinner

21.30-22.00 Transfer back to Tihany

2017. June 20. Tuesday

10.00-12.30 Morning Section (Convenor: Biró, Tamás)

10.00-10.30 **Csörgő, Tamás:** New exact solutions of fireball hydrodynamics: from sQGP to a multicomponent hadron gas, with a lattice QCD EoS

10.30-10.50 **Nagy, Márton:** Rotating analytic exact solutions of fireball hydrodynamics: some results and challenges

10.50-11.10 **Jiang, Ze Fang:** Exact solutions of relativistic viscous hydrodynamic and Initial energy density estimation

11.10-11.40 **Csanád, Máté:** Levy type of femtosopic analysis at RHIC

11.40-12.10 **Novák, Tamás:** PHENIX results on three particle Bose-Einstein correlations in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions

12.10-12.30 **Ster András:** Small x Physics in pp, pA and g*A Reactions with the Dipole Formalism

12.30-13.30 Lunch break

13.30-15.30 Open air discussions

15.30-18.30 Afternoon Section (Convenor: Csörgő, Tamás)

15.30-16.00 Coffee break

16.00-16.30 **Biró, Tamás:** Entropy Production without Detailed Balance

16.30-17.00 **Ván, Péter:** Relativistic theories of dissipative hydrodynamics

17.00-17.20 **Kovács, Róbert:** Heat conduction at low and normal temperatures

17.20-17.50 **Wolf, György:** Dilepton production in relativistic heavy ion collisions

17.50-18.10 **Balassa Gábor:** Manybody collisions in heavy ion reactions

18.10-18.30 **Surányi Olivér:** Study of central exclusive production

18.30-22.00 Free Program: Swimming, Open air discussions, Free walking tour in Tihany

2017. June 21. Wednesday

10.00-11.00 Checking out from the Guest House

11.00-12.30 Morning Section (Convenor: Papp, Gábor)

11.00-11.30 **Vértési Róbert:** Heavy flavor measurements by the ALICE experiment at the LHC

11.30-12.00 **Lévai, Péter:** Energy loss analysis on the basis of hadronic spectra and reconstructed jet spectra

12.00-12.10 Closing address

12.30-13.30 Lunch break

13.30-16.00 Open air discussions

16.00- Departure