

Program of “CSQCD-VI”

Tuesday, 26.09

Blokhintsev hall, 4th floor, BLTP

9:00-9:55	Registration & opening
10:00-10:25	Sorin A. Baryon rich matter research at NICA
10:30-10:55	Fischer T. Explosions of massive stars triggered from the 1st-order hadron-quark phase transition at high density
11:00-11:30	Coffee break
11:30-11:55	Bastian N.-U. Towards a unified quark-hadron equation of state for neutron stars, supernovae and heavy-ion collisions
12:00-12:25	Ayriyan A. Bayesian Analysis of Hybrid EoS Models Using Mass and Radius Data from Compact Star Observations
12:30-12:55	Ivanov Yu. Directed flow in heavy-ion collisions and its implications for astrophysics
13:00-15:00	Lunch
15:00-15:25	Benic S. EoS for dense matter with a QCD phase transition
15:30-15:55	Barnaföldi G. G. The effect of quantum fluctuations in compact star observables
16:00-16:25	Zhou E. Numerical configurations of differentially rotating quark stars
16:30-17:00	Coffee break
17:00-17:25	Negreiros R. Fully self-consistent thermal evolution studies of rotating neutron stars
17:30-...	Discussion

Program of “CSQCD-VI”

Wednesday, 27.09

Blokhintsev hall, 4th floor, BLTP

9:30-9:55	Kojo T. QCD equations of state in hadron-quark continuity
10:00-10:25	Kitazawa M. J-PARC heavy-ion program and search of the QCD critical point
10:30-10:55	Popov S. Fast radio bursts and neutron stars
11:00-11:30	Coffee break
11:30-11:55	Maslov K. Charged ρ -meson condensate in neutron stars within RMF models
12:00-12:25	Steinberg V. Strangeness production in nucleus-nucleus collisions at SIS energies
12:30-12:55	Yudin A. Exotic convection inside hybrid stars
13:00-15:00	Lunch
15:00-15:25	Mogliacci S. Finite density equation of state of the quark-gluon plasma via resummed perturbation theory
15:30-15:55	Bhattacharyya T. Non-extensive Fokker-Planck transport coefficients of heavy quarks
16:00-16:25	Juchnowski L. Nonequilibrium meson production in strong fields
16:30-17:00	Coffee break
17:00-17:25	Iosilevsky I. Binodal Layer and Phase Freezeout in Adiabatically Expanded Hot Dense Matter
17:30-17:55	Friesen A. Phase diagram in effective QCD models
18:00-19:00	Discussion
19:00	IAC Meeting

Program of “CSQCD-VI”

Thursday, 28.09

Blokhintsev hall, 4th floor, BLTP

9:30-9:55	Blaschke D. Quark exchange effects in the nuclear equation of state at high-densities
10:00-10:25	Turko L. Looking for the phase transition - recent NA61/SHINE results
10:30-10:55	Bagchi S. Prospects of constraining the dense matter equation of state from observations and data analysis of radio pulsars in binaries
11:00-11:30	Coffee break
11:30-11:55	Cierniak M. Vector interaction enhanced bag model
12:00-12:25	Batyuk P. Simulation of NICA/MPD with Three-fluid Hydrodynamics based Event Simulator Extended by UrQMD final State interactions (THESEUS) as an attempt to investigate effects of a QCD phase transition in the EoS on HIC observables
12:30-12:55	Alvarez D. Supporting the existence of the QCD critical point by compact star observations
13:00-15:00	Lunch
15:00-17:00	Excursion to NICA
19:00	Conference dinner (Restaurant of Hotel “Dubna”)

Program of “CSQCD-VI”

Friday, 27.09

Blokhintsev hall, 4th floor, BLTP

9:30-10:15	Röpke G. Correlations and bound states in nuclear matter
10:15-11:00	Wolter H. The High-Density Symmetry Energy in Heavy Ion Collisions and Compact stars
11:00-11:30	Coffee break
11:30-12:15	Voskresensky D. On manifestation of in-medium effects in NS and HIC
12:15-13:00	Grigorian H. Cooling of massive neutron stars
13:00-15:00	Lunch
15:00-16:00	Discussion
16:00	Closing