

Lattice and Functional Techniques for Exploration of Phase Structure and Transport Properties in Quantum Chromodynamics

Report of Contributions

Contribution ID: 0

Type: **not specified**

Registration/Opening

Tuesday, 4 September 2018 08:30 (30 minutes)

Contribution ID: 1

Type: **not specified**

Correlations and critical behaviour in SU(2) gluodynamics

Tuesday, 4 September 2018 09:00 (40 minutes)

Presenter: ROGALYOV, Roman

Contribution ID: 2

Type: **not specified**

Lattice study of the sphaleron rate in gluodynamics

Tuesday, 4 September 2018 09:40 (40 minutes)

Presenter: KOTOV, Andrey

Contribution ID: 3

Type: **not specified**

Real-time simulations : studying systems far from equilibrium

Tuesday, 4 September 2018 13:30 (40 minutes)

Presenter: BOGUSLAVSKI, Kirill

Contribution ID: 4

Type: **not specified**

Sound in quark matter

Tuesday, 4 September 2018 10:40 (40 minutes)

Presenter: KERBIKOV, Boris

Contribution ID: 5

Type: **not specified**

Dyons near the transition temperature in SU(3) gluodynamics

Tuesday, 4 September 2018 11:20 (40 minutes)

Presenter: MARTEMYANOV, Boris

Contribution ID: 6

Type: **not specified**

Quantum corrections to the classical statistical approximation within the Schwinger-Keldysh technique

Tuesday, 4 September 2018 14:10 (40 minutes)

Presenter: RADOVSKAYA, Anna

Contribution ID: 7

Type: **not specified**

Dependence of chromomagnetic field screening on its color components

Tuesday, 4 September 2018 15:10 (40 minutes)

Presenter: KOLOMOYETS, Natalia

Contribution ID: 8

Type: **not specified**

Catalytic effects of monopoles in QCD

Tuesday, 4 September 2018 15:50 (40 minutes)

Presenter: HASEGAWA, Masayasu

Contribution ID: 9

Type: **not specified**

Topology and axial U(1) symmetry in 2-flavor hot QCD

Topology and axial U(1) symmetry in 2-flavor hot QCD

Wednesday, 5 September 2018 09:00 (40 minutes)

Presenter: AOKI, Yasumichi

Contribution ID: **10**

Type: **not specified**

QCD-Dynamics at finite density and signatures of the critical endpoint

Wednesday, 5 September 2018 09:40 (40 minutes)

Presenter: PAWLOWSKI, Jan

Contribution ID: 11

Type: **not specified**

Lattice study of QCD at nonzero chiral density

Wednesday, 5 September 2018 10:40 (40 minutes)

Presenter: BRAGUTA, Viktor

Contribution ID: 12

Type: **not specified**

Lattice study of dense two-color quark matter at low temperature

Wednesday, 5 September 2018 11:20 (40 minutes)

Presenter: NIKOLAEV, Aleksandr

Contribution ID: 13

Type: **not specified**

QCD at nonzero isospin asymmetry

Wednesday, 5 September 2018 13:30 (40 minutes)

Presenter: BRANDT, Bastian

Contribution ID: 14

Type: **not specified**

The QCD phase diagram from Dyson-Schwinger equations

Wednesday, 5 September 2018 14:10 (40 minutes)

Presenter: FISCHER, Christian

Contribution ID: 15

Type: **not specified**

The center vortex model of the QCD vacuum : successes and problems

Wednesday, 5 September 2018 15:10 (40 minutes)

Presenter: FABER, Manfred

Contribution ID: 16

Type: **not specified**

Shear and bulk viscosity temperature dependence within SU(3) gluodynamics on the lattice

Wednesday, 5 September 2018 15:50 (40 minutes)

Presenter: ASTRAKHANTSEV, Nikita

Contribution ID: 17

Type: **not specified**

Chirally asymmetric quark matter in the framework of NJL model

Thursday, 6 September 2018 09:00 (40 minutes)

Presenter: ZHOKHOV, Roman

Contribution ID: **18**

Type: **not specified**

Chiral Vortical Effect and Wigner Function

Thursday, 6 September 2018 09:40 (40 minutes)

Presenter: PROKHOROV, Georgy

Contribution ID: **19**

Type: **not specified**

The quark distribution function from lattice QCD

Thursday, 6 September 2018 10:40 (40 minutes)

Presenter: IIDA, Hideaki

Contribution ID: 20

Type: **not specified**

Fluctuation pattern of Polyakov loop clusters in SU(2) gluodynamics

Thursday, 6 September 2018 11:20 (40 minutes)

Presenter: BUGAEV, Kyrill

Contribution ID: 21

Type: **not specified**

Screening masses and quark free energies at small baryonic density X (in 2+1 flavour QCD)

Thursday, 6 September 2018 13:30 (40 minutes)

Presenter: RUCCI, Andrea

Contribution ID: 22

Type: **not specified**

Exploring QCD phase structure: Lattice QCD approach and its application to Experiments

Presenter: NAKAMURA, Atsushi

Contribution ID: 23

Type: **not specified**

Restoring the canonical partition functions from imaginary chemical potential

Thursday, 6 September 2018 16:30 (40 minutes)

Presenter: BORNYAKOV, Vitaly