

Criticality in QCD and the Hadron Resonance Gas

Report of Contributions

Contribution ID : 9

Type : **not specified**

Bedangadas Mohanty, Net-proton number fluctuations and QCD critical point

Contribution ID : **10**

Type : **not specified**

Opening/Chair:

Presenter(s) : KARSCH, Frithjof

Contribution ID : **11**

Type : **not specified**

Bedangadas Mohanty, Net-proton number fluctuations and QCD critical point

Contribution ID : **12**

Type : **not specified**

Chair:

Presenter(s) : STACHEL, Johanna

Contribution ID : **13**

Type : **not specified**

Chair:

Presenter(s) : LO, Pok Man

Contribution ID : **14**

Type : **not specified**

Open Discussion

Wednesday, 29 July 2020 19:00 (30)

Contribution ID : **15**

Type : **not specified**

Chair:

Presenter(s) : MARCZENKO, Michal

Contribution ID : **16**

Type : **not specified**

Chair:

Presenter(s) : BRAUN-MUNZINGER, Peter

Contribution ID : 17

Type : **not specified**

Chair:

Presenter(s) : GAVAI, Rajiv (Rgavai@physik.uni-bielefeld.de)

Contribution ID : **18**

Type : **not specified**

Announcements

Presenter(s) : TURKO, Ludwik (lturko@uwr.edu.pl)

Contribution ID : **19**

Type : **not specified**

Open Discussion

Thursday, 30 July 2020 18:30 (30)

Contribution ID : **20**

Type : **not specified**

Chair:

Presenter(s): SATZ, Helmut

Contribution ID : **21**

Type : **not specified**

Chair:

Presenter(s) : TURKO, Ludwik (ludwik.turko@uwr.edu.pl)

Contribution ID : 22

Type : **not specified**

Chair:

Presenter(s) : REDLICH, Krzysztof

Contribution ID : **23**

Type : **not specified**

Announcements

Friday, 31 July 2020 18:00 (10)

Presenter(s) : TURKO, Ludwik (ludwik.turko@uwr.edu.pl)

Contribution ID : 24

Type : **not specified**

Open Discussion

Friday, 31 July 2020 18:10 (30)

Contribution ID : **28**

Type : **not specified**

Quark-Flavor Dependence of Transport Parameters in Hot QCD: the Quasiparticle Perspective

Wednesday, 29 July 2020 15:45 (30)

Presenter(s) : MYKHAYLOVA, Valeriya

Contribution ID : **29**

Type : **not specified**

Charm and beauty spectral and transport properties

Wednesday, 29 July 2020 16:15 (30)

Presenter(s) : KACZMAREK, Olaf

Contribution ID : **30**

Type : **not specified**

Polaykov loops in the chiral limit

Wednesday, 29 July 2020 18:30 (30)

Presenter(s) : CLARKE, David

Contribution ID : **31**

Type : **not specified**

QCD transition line from the lattice

Wednesday, 29 July 2020 17:00 (30)

Presenter(s) : RATTI, Claudia

Contribution ID : 32

Type : **not specified**

Universal scaling properties of QCD clos to the chiral limit

Wednesday, 29 July 2020 17:30 (30)

Presenter(s) : LAHIRI, Anirban

Contribution ID : 33

Type : **not specified**

Net-proton number fluctuations and QCD critical point

Wednesday, 29 July 2020 13:30 (30)

Presenter(s) : MOHANTY, Bedangadas

Contribution ID : 34

Type : **not specified**

Net baryon-number fluctuations

Wednesday, 29 July 2020 14:00 (30)

Presenter(s) : SCHMIDT, Christian

Comparing conserved charge fluctuations from lattice QCD to HRG model calculations

Wednesday, 29 July 2020 14:30 (30)

Presenter(s) : GOSWAMI, Jishnu

Criticality in QC... / Report of Contributions

Shear viscosity in QCD, and why i...

Contribution ID : 36

Type : **not specified**

Shear viscosity in QCD, and why it's hard to calculate

Wednesday, 29 July 2020 15:15 (30)

Presenter(s) : MOORE, Guy

Contribution ID : 37

Type : **not specified**

Deconfinement and hadron resonance gas for heavy hadrons

Wednesday, 29 July 2020 18:00 (30)

Presenter(s) : PETRECZKY, Peter

Contribution ID : **38**

Type : **not specified**

Screening masses towards chiral limit

Thursday, 30 July 2020 14:00 (30)

Presenter(s) : DENTINGER, Simon

Contribution ID : **39**

Type : **not specified**

QCD in the heavy dense regime, large N_c and quarkyonic matter

Thursday, 30 July 2020 14:30 (30)

Presenter(s) : PHILIPSEN, Owe

Contribution ID : **40**

Type : **not specified**

Hadron yields in central nucleus-nucleus collisions, the statistical hadronization model and the QCD phase diagram

Thursday, 30 July 2020 15:15 (30)

Presenter(s) : ANDRONIC, Anton

Contribution ID : **41**

Type : **not specified**

Search for the QCD Point - Selected Results from RHIC Beam Energy Scan Program

Thursday, 30 July 2020 15:45 (30)

Presenter(s) : XU, Nu

Contribution ID : 42

Type : **not specified**

Establishing a non-critical baseline for fluctuation observable

Thursday, 30 July 2020 16:15 (30)

Presenter(s) : RUSTAMOV, Anar

Contribution ID : 43

Type : **not specified**

Fluctuation and Conservation

Thursday, 30 July 2020 17:00 (30)

Presenter(s) : KOCH, Volker

Contribution ID : 44

Type : **not specified**

Higher order cumulants of electric charge and strangeness fluctuations on the crossover line

Thursday, 30 July 2020 17:30 (30)

Presenter(s) : BOLLWEG, Dennis

Criticality in QC... / Report of Contributions

Conserved charge fluctuations in t...

Contribution ID : 45

Type : **not specified**

Conserved charge fluctuations in the chiral limit

Thursday, 30 July 2020 18:00 (30)

Presenter(s) : SARKAR, Mugdha

Contribution ID : 46

Type : **not specified**

Conundrums at Finite Density

Friday, 31 July 2020 13:30 (30)

Presenter(s) : GAVAI, Rajiv

Contribution ID : 47

Type : **not specified**

QCD phase structure in a background magnetic field

Friday, 31 July 2020 14:00 (30)

Presenter(s) : DING, Heng-Tong

Contribution ID : **48**

Type : **not specified**

Deconfinement and the explicit center symmetry breaking in the strong magnetic field

Friday, 31 July 2020 14:30 (30)

Presenter(s) : SZYMANSKI, Michal

Contribution ID : 49

Type : **not specified**

Unified quark-hadron EoS and CEP in the QCD Phase Diagram

Friday, 31 July 2020 15:15 (30)

Presenter(s) : BLASCHKE, David

Contribution ID : **50**

Type : **not specified**

Multiplicity dependence of (multi-)strange hadrons in the canonical ensemble with phase shift corrections

Friday, 31 July 2020 15:45 (30)

Presenter(s) : CLEYMANS, Jean

Contribution ID : **51**

Type : **not specified**

Thermodynamics of a Coupled-Channel system

Friday, 31 July 2020 16:15 (30)

Presenter(s) : LO, Pok Man

Towards a unified equation of state for multi-messenger astronomy

Friday, 31 July 2020 17:00 (30)

Presenter(s) : MARCZENKO, Michał

Contribution ID : 53

Type : **not specified**

Hydrodynamics formalism with Spin dynamics

Friday, 31 July 2020 17:30 (30)

Presenter(s) : SINGH, Rajeev