

Session Program

2-6 Aug 2021

**A Virtual Tribute to Quark Confinement and
the Hadron Spectrum 2021**

Parallels Track D

online

Monday 2 August

17:00

Parallels Track D: Parallel I

Session | **Location:** online

17:00-17:30

Non-equilibrium attractor in high-temperature QCD plasmas

Speaker

Dekrayat Almaalol

17:30-17:45

Fermion and gluon spectral functions far from equilibrium

Speaker

Kirill Boguslavski

17:45-18:00

Transport near the chiral critical point

Speakers

Alexander Soloviev, Derek Teaney, Mr Eduardo Grossi, Fanglida Yan

18:00

Tuesday 3 August

09:00

Parallels Track D: Parallel II

Session | Location: online

09:00–09:30

Excited states of Bottomonia in QGP from lattice QCD

Speaker

Rasmus Larsen

09:30–09:45

Medium evolution of a static quark-antiquark pair in the large N_c limit

Speaker

Miguel Ángel Escobedo Espinosa

09:45–10:00

A comparison of spectral reconstruction methods applied to non-zero temperature NRQCD meson correlation functions

Speaker

Thomas Spriggs

10:00

Wednesday 4 August

17:00

Parallels Track D: Parallel III

Session | Location: online

17:00-17:30

A brief review of collectivity small collision systems

Speaker

Prithwish Tribedy

17:30-17:45

Modeling ϕ -meson production in small collision systems observed by PHENIX

Speaker

Mrs Mariia Mitrankova

18:00

Thursday 5 August

09:00

Parallels Track D: Parallel IV

Session | Location: online

09:00–09:30

Improving the cold-QM pressure via soft interactions at N3LO

Speaker

Tyler Gorda

09:30–09:45

Thermal QCD phase transition and its scaling window from Wilson twisted mass fermions

Speaker

Andrey Kotov

09:45–10:00

A novel approach to lattice QCD at finite baryon density and results on the phase diagram

Speaker

Attila Pasztor

10:00

10:10

Parallels Track D: Parallel V

Session | Location: online

10:10–10:40

Jet quenching theory

Speaker

Jasmine Brewer

10:40–10:55

Nonperturbative phenomena in jet modification

Speaker

Ismail Soudi

10:55–11:10

On transverse momentum broadening in real-time lattice simulations of the glasma and in the weak-field limit

Speaker

Mr Daniel Schuh

11:10

Friday 6 August

14:30

Parallels Track D: Parallel VI

Session | Location: online

14:30-15:00 News from the strong interactions program of NA61/SHINE

Speaker

Wojciech Brylinski

15:00-15:15

Charting the scaling region of the Ising universality class in finite temperature QCD

Speaker

Marianna Sorba

15:15-15:30

The multiple-charm hierarchy in the Statistical Hadronization Model

Speakers

Aleksas Mazeliauskas, Vytautas Viskavicius

15:30

15:20

Parallels Track D: Parallel VIII

Session | Location: online, (Note) Room G

15:20-15:35

Bottomonium suppression in an open quantum system using the quantum trajectories method

Speaker

Peter Vander Griend

15:35-15:50

Study of evolution of spin polarization of Lambda hyperons using spin hydrodynamics

Speaker

Rajeev Singh

15:50-16:05

Holographic approach of the spinodal instability to criticality

Speaker

Dr Maximilian Attems

16:20

15:40

Parallels Track D: Parallel VII

Session | Location: online

15:40-16:10

Studying properties of the deconfined medium in heavy-ion collisions with fluctuations observables

Speaker

Alice Ohlson

16:10-16:25

Quarkonia and heavy quark diffusion in the hot gluonic medium

Speaker

Hai-Tao Shu

16:25-16:40 **Quarkonia dynamics in the QGP with open quantum systems**

Speaker

Stéphane Delorme

16:40