Session Program

Jan 10 – 15, 2021

IS2021

The VI[th] International Conference on the
INITIAL STAGES
OF HIGH-ENERGY NUCLEAR
COLLISIONS

Initial Stages 2021

Poster

Weizmann Institute of Science, The David Lopatie Conference Center
234 Herzl Street, Rehovot 7610001, Israel

Sun, January 10

7:45 PM

Poster: B

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

Emergence of slow modes: the governing degrees of freedom in rapidly-expanding quark--gluon plasma

Speaker
Jasmine Therese Brewer

7:45 – 9:15 PM

Novel relaxation time approximation to the relativistic Boltzmann equation

Speaker
Gabriel Denicol

7:45 – 9:15 PM

Spectator induced electromagnetic effects in heavy-ion collisions and space-time-momentum conditions for pion emission

Speakers
Dr Vitalii Ozvenchuk, Vitalii Ozvenchuk

7:45 – 9:15 PM

In medium partial decay width of \psi(4008) state decaying to $D \bar{D}$

Speaker
rahul chhabra

9:15 PM

7:45 PM

Poster: D

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

Quarkonia production and excited state suppression in pp and p-Pb with ALICE

Speaker
Yanchun Ding

7:45 – 9:15 PM **Finding α-clustering in ultrarelativistc heavy-ion collisions**

Speaker
Christopher Plumberg

7:45 – 9:15 PM

Photon emission in initial and hydrodynamic stages of nuclear collisions

Speaker
Akihiko Monnai

7:45 – 9:15 PM

The effect of the equation of state on η/s of strongly interacting matter

Speaker
Jussi Auvinen

9:15 PM

7:45 PM

Poster: F

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

Exploring the magnetic field in heavy-ion collisions through spin alignment measurements at ALICE

Speaker
Dukhishyam Mallick

7:45 – 9:15 PM **In-medium properties of η mesons**

Speaker
Rajesh Kumar

7:45 – 9:15 PM

The geometry of isobaric collisions as a precision probe of the structure of atomic nuclei

Speakers
Giuliano Giacalone, Jiangyong Jia

7:45 – 9:15 PM

Searching for the chiral magnetic effect with the sliding dumbbell method in Pb-Pb collisions at √sNN = 2.76 TeV with ALICE

Speaker
Ms Anjali Sharma

9:15 PM

Mon, January 11

7:40 PM

Poster: H

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Non-perturbative renormalization of the average color charge and multi-point correlators of color charge from a non-Gaussian small-x action

Speaker
André Giannini

7:40 – 9:10 PM

Dimuon production from two-photon scattering in ultra peripheral Pb+Pb collisions with the ATLAS detector

Speaker
Peter Alan Steinberg

7:40 – 9:10 PM **Evolution of energy density correlations in the Glasma**

Speaker
Pablo Guerrero Rodríguez

7:40 – 9:10 PM **The dipole picture and the non-relativistic expansion**

Speaker
Miguel Ángel Escobedo Espinosa

9:10 PM

7:40 PM

Poster: J

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Measurements of longitudinal decorrelation of anisotropic flow in 27, 54.4 and 200 GeV Au+Au collisions from STAR

Speaker
Maowu Nie

7:40 – 9:10 PM

Multi-particle quantum-statistical correlation functions in a Hubble-expanding hadron gas

Speaker
Ayon Mukherjee

7:40 – 9:10 PM

Investigating the pion source function in heavy-ion collisions with the EPOS model

Speaker
Dániel Kincses

7:40 – 9:10 PM **Multivariate cumulants in flow analyses: The Next Generation**

Speaker
Ante Bilandzic

9:10 PM

7:40 PM

Poster: L

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Search for the Chiral Magnetic Wave using the ALICE detector in Pb-Pb collisions at $\sqrt{s_{NN}} =$ 5.02 TeV

Speaker

Prottay Das

7:40 – 9:10 PM

Exploring the QCD phase diagram within a microscopic transport approach

Speaker

Dr Pierre Moreau

7:40 – 9:10 PM

Hydrodynamic attractors, initial state energy and particle production in relativistic nuclear collisions

Speaker

Prof. Soeren Schlichting

9:10 PM

Tue, January 12

7:40 PM

Poster: N

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Study of nuclei deformation effect on fluctuations and correlations to geometry response mapping with AMPT

Speaker
Dr Chunjian Zhang

7:40 – 9:10 PM

Transverse momentum broadening of jets in the weak field limit of the glasma

Speaker
Daniel Schuh

7:40 – 9:10 PM

Measurement of $\gamma\gamma \rightarrow \mu^{+}\mu^{-}$ pairs in non-ultra peripheral Pb+Pb collisions with the ATLAS detector

Speaker
Benjamin Jacob Gilbert

7:40 – 9:10 PM

Forward-backward multiplicity correlations with strongly intensive observables in pp collisions with ALICE

Speaker
Andrey Erokhin

9:10 PM

7:40 PM

Poster: P

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Searching for the chiral magnetic effect in heavy-ion collisions with the sliding dumbbell method

Speaker
Madan Mohan Aggarwal

7:40 – 9:10 PM

A comparison of thermodynamical properties in high multiplicity pp and heavy ion collision

Speaker
Rohit Gupta

7:40 – 9:10 PM

Comparison for initial density fluctuations in relativistic heavy ion collisions

Speakers
Eduardo Grossi, Stefan Floerchinger, Mr Kianusch Yousefnia

7:40 – 9:10 PM

Study of global and local polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at ALICE

Speaker
Mr Debojit Sarkar

9:10 PM

7:40 PM

Poster: R

Session | **Location:** vDLCC, Patio

7:40 – 9:10 PM

Measurement of non-prompt J/ψ at midrapidity in Pb–Pb collisions at √sNN = 5.02 TeV with ALICE detector at the LHC

Speaker
Mr Himanshu Sharma

7:40 – 9:10 PM **Probing the neutron skin with ultrarelativistic isobaric collisions**

Speaker
Dr Haojie Xu

7:40 – 9:10 PM **X(3872) production in pp with particle multiplicity**

Speaker
Eliane Epple

7:40 – 9:10 PM

Flow and transverse momentum correlations in Pb+Pb and Xe+Xe collisions with ATLAS

Speaker
Somadutta Bhatta

9:10 PM

Wed, January 13

7:45 PM

Poster: T

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

Towards the discovery of primordial momentum anisotropies in nuclear collisions

Speaker
Giuliano Giacalone

7:45 – 9:15 PM **The wake of jets from linearized hydrodynamics**

Speaker
Dr Xiaojun Yao

7:45 – 9:15 PM **Fluctuations of anisotropic flow in transport**

Speaker
Hendrik Roch

7:45 – 9:15 PM **Flavor dependent parton cascades in expanding media**

Speaker
Mr Souvik Priyam Adhya

9:15 PM

7:45 PM

Poster: V

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

$I_{\rm AA}$ in pp, p-Pb and Pb-Pb collisions as a function of the Underlying Event activity with ALICE

Speaker
Sushanta Tripathy

7:45 – 9:15 PM

Influence of fluctuating initial-state shape deformations in ultra-central collisions

Speaker
Peifeng Liu

7:45 – 9:15 PM **Spinodal instability with varying criticality in holography**

Speaker
Maximilian Attems

9:15 PM

7:45 PM

Poster: X

Session | **Location:** vDLCC, Patio

7:45 – 9:15 PM

Characterizing the initial stages of a heavy-ion collision for determining final state evolution: including conserved charges, momentum, and stress.

Speaker
Mr Jefferson Arthur Dias Sousa

7:45 – 9:15 PM

Non-equilibrium attractors of QCD kinetic theory at zero and finite density

Speaker
Xiaojian Du

7:45 – 9:15 PM **Polarization in heavy-ion collisions via local initial energy deposition**

Speaker
Willian M. Serenone

7:45 – 9:15 PM

Pre-equilibrium dynamics of heavy ion collisions based on hadronic transport

Speaker
Dr Sangwook Ryu

9:15 PM