

Session Program

10-15 Jan 2021

IS2021

The VIth International Conference on the
INITIAL STAGES
OF HIGH-ENERGY NUCLEAR
COLLISIONS



Initial Stages 2021

CGC

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

Monday 11 January

17:00

CGC: 1

Session | **Location:** vDLCC, Andrea's room 3 | **Convener:** Michael Lublinsky

17:00–17:25 **Invited: Experimental observables of CGC**

Speaker

Marco Van Leeuwen

17:25–17:45

Study of open heavy-flavour production and anisotropy in p-Pb collisions with ALICE

Speaker

Jaime Norman

17:45–18:05

Completing the first saturation correction to single inclusive gluon production in high energy pA collisions

Speaker

Ming Li

18:05

18:20

CGC: 2

Session | **Location:** vDLCC, Andrea's room 3 | **Convener:** Prof. Tuomas Lappi

18:20–18:40 **Full next-to-eikonal quark propagator in the CGC and applications**

Speaker

Guillaume Beuf

18:40–19:00

Two-particle azimuthal correlations in photo-nuclear ultra-peripheral Pb+Pb collisions at 5.02~TeV with ATLAS

Speaker

Blair Daniel Seidlitz

19:00–19:20

Structure functions for inclusive and diffractive DIS at future EICs

Speaker

Dagmar Bendova

19:20–19:40

Search for azimuthal anisotropies in γp interactions within ultra-peripheral pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV

Speaker

Quan Wang

19:40

Tuesday 12 January

17:00

CGC: 3

Session | **Location:** vDLCC, Andrea's room 3 | **Convener:** Vladimir Skokov

17:00–17:20 **Color Glass Condensate at next-to-leading order meets HERA data**

Speaker

Henri Hänninen

17:20–17:40

First measurement of the forward rapidity gap distribution in pPb collisions at 8 TeV

Speaker

Katerina Kuznetsova

17:40–18:00

Particle production beyond eikonal accuracy in dilute-dense CGC framework

Speaker

Pedro Augusto Agostini Infante

18:05

18:20

CGC: 4

Session | **Location:** vDLCC, Andrea's room 3 | **Convener:** Alexander Kovner

18:20–18:40 **Two particle correlations in pA collisions from the CGC**

Speaker

Tolga Altinoluk

18:40–19:00

Di-hadron correlations in p+p, p+Au and p+Al collisions at STAR

Speaker

Xiaoxuan Chu

19:00–19:20

Entanglement, partial set of measurements, and diagonality of the density matrix in the parton model

Speaker

Haowu Duan

19:20–19:40

Saturation and forward jets in proton-lead collisions at the LHC

Speaker

Dr Heikki Mäntysaari

19:40

Wednesday 13 January

15:30

CGC: 5

Session | **Location:** vDLCC, Andrea's room 3 | **Convener:** Wojciech Florkowski

15:30–15:50

Relativistic corrections to the vector meson light front wave function

Speaker

Jani Penttala

15:50–16:10

Charged- and neutral-particle production in proton-lead collisions at 5.02 and 8.16 TeV with ALICE

Speaker

Abhi Modak

16:10–16:30

Finite N_c corrections in the Balitsky-Kovchegov equation at next-to-leading order

Speaker

Andrecia Ramnath

16:30–16:50

Color charge correlations in the proton

Speaker

Adrian Dumitru

16:50