

Color Glass Condensate at the electron-ion collider

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome by ECT* Director

Monday, 15 May 2023 09:30 (10 minutes)

Presenter: AARTS, Gert

Contribution ID: 2

Type: **not specified**

Possible measurements to access low-x physics at the EIC

Monday, 15 May 2023 09:40 (35 minutes)

Presenter: VAN HULSE, Charlotte

Contribution ID: 3

Type: **not specified**

DIS dijet production at next-to-eikonal accuracy and its back-to-back limit

Monday, 15 May 2023 10:15 (35 minutes)

Presenter: ALTINOLUK, Tolga

Contribution ID: 4

Type: **not specified**

3D structure of the proton: from partons to strong fields

Monday, 15 May 2023 11:20 (35 minutes)

Presenter: MEHTAR-TANI, Yacine

Contribution ID: 5

Type: **not specified**

Probing quark TMDs in the CGC: quark-gluon dijets in DIS

Monday, 15 May 2023 11:55 (35 minutes)

Presenter: BEUF, Guillaume

Contribution ID: 6

Type: **not specified**

GPDs at small-x

Monday, 15 May 2023 14:35 (35 minutes)

Presenter: HATTA, Yoshitaka

Contribution ID: 7

Type: **not specified**

Probing gluon bosc correlations at EIC

Monday, 15 May 2023 14:00 (35 minutes)

Presenter: KOVNER, Alexander

Contribution ID: **8**

Type: **not specified**

COFFEE BREAK

Contribution ID: 9

Type: **not specified**

Toward precision CGC: one-loop corrections to particle production in DIS at small x

Monday, 15 May 2023 15:40 (35 minutes)

Presenter: JALILIAN-MARIAN, Jamal

Contribution ID: **10**

Type: **not specified**

Back-to-back dijet photoproduction at NLO in the CGC

Monday, 15 May 2023 16:15 (35 minutes)

Presenter: TAEELS, Pieter

Contribution ID: **11**

Type: **not specified**

COFFEE BREAK

Contribution ID: 12

Type: **not specified**

Some recent UPC measurements from the LHC

Tuesday, 16 May 2023 09:05 (35 minutes)

Presenter: CONTRERAS NUNO, Guillermo

Contribution ID: 13

Type: **not specified**

Hot spots in a proton

Tuesday, 16 May 2023 09:40 (35 minutes)

Presenter: LAPPI, Tuomas

Contribution ID: 14

Type: **not specified**

Diffraction structure functions at next-to-leading order in the dipole picture

Tuesday, 16 May 2023 10:15 (35 minutes)

Presenter: PENTTALA, Jani

Contribution ID: 15

Type: **not specified**

Inclusive diffraction from non-linear evolutions: analytical and numerical predictions

Tuesday, 16 May 2023 11:20 (35 minutes)

Presenter: LE, Anh-Dung

Contribution ID: 16

Type: **not specified**

Small-x factorization at NLO

Tuesday, 16 May 2023 11:55 (35 minutes)

Presenter: SALAZAR, Farid

Contribution ID: 17

Type: **not specified**

All-NLO Forward Single-Inclusive Particle Production in pA Collisions

Tuesday, 16 May 2023 14:00 (35 minutes)

Presenter: TAWABUTR, Yossathorn

Contribution ID: **18**

Type: **not specified**

Massive quarks in NLO dipole factorization for DIS

Tuesday, 16 May 2023 14:35 (35 minutes)

Presenter: PAATELAINEN, Risto

Contribution ID: 19

Type: **not specified**

BK equation in momentum space and some of its applications

Tuesday, 16 May 2023 15:40 (35 minutes)

Presenter: KUTAK, Krzysztof

Contribution ID: 20

Type: **not specified**

From the exact solution for the Schrödinger equation to NLO cross sections

Tuesday, 16 May 2023 16:15 (35 minutes)

Presenter: MULLAN, Yair

Contribution ID: 21

Type: **not specified**

Jet production in ultra-peripheral collisions at the LHC

Wednesday, 17 May 2023 09:05 (35 minutes)

Presenter: COLE, Brian

Contribution ID: 22

Type: **not specified**

Factorization and coherent states in diffractive γ nuclear coherent reactions

Wednesday, 17 May 2023 09:40 (35 minutes)

Presenter: MUELLER, Alfred

Contribution ID: 23

Type: **not specified**

Probing gluon saturation via diffractive jets in ultra-peripheral nucleus-nucleus collisions

Wednesday, 17 May 2023 10:15 (35 minutes)

Presenter: IANCU, Edmond

Contribution ID: 24

Type: **not specified**

The ALICE FoCal project and its connections with EIC physics

Wednesday, 17 May 2023 11:20 (35 minutes)

Presenter: TAPIA TAKAKI, Daniel

Contribution ID: 25

Type: **not specified**

CGC for ultra-peripheral Pb+Pb collisions at the Large Hadron Collider

Wednesday, 17 May 2023 11:55 (35 minutes)

Presenter: SKOKOV, Vladimir

Contribution ID: 26

Type: **not specified**

Muller Navelet and Mueller Tang processes at the LHC

Thursday, 18 May 2023 09:05 (35 minutes)

Presenter: ROYON, Christophe

Contribution ID: 27

Type: **not specified**

Revised helicity evolution at small x : exact analytic solution of the large- N_c equations

Thursday, 18 May 2023 09:40 (35 minutes)

Presenter: KOVCHEGOV, Yuri

Contribution ID: 28

Type: **not specified**

Imaging the odderon from exclusive η_c production at the EIC

Thursday, 18 May 2023 10:15 (35 minutes)

Presenter: BENIC, Sanjin

Contribution ID: 29

Type: **not specified**

On hybrid factorization at NLO from NLO collinear amplitudes

Thursday, 18 May 2023 11:20 (35 minutes)

Presenter: MOTYKA, Leszek

Contribution ID: **30**

Type: **not specified**

Pseudo and quasi quark PDF in the BFKL limit

Thursday, 18 May 2023 11:55 (35 minutes)

Presenter: CHIRILLI, Giovanni

Contribution ID: 31

Type: **not specified**

Anisotropic flow and the valence quark skeleton of hadrons

Thursday, 18 May 2023 14:00 (35 minutes)

Presenter: WU, Bin

Contribution ID: 32

Type: **not specified**

Low vs moderate x_{Bj} matching for exclusive Compton scattering

Thursday, 18 May 2023 14:35 (35 minutes)

Presenter: BOUSSARIE, Renauld

Contribution ID: 33

Type: **not specified**

Single inclusive particle production in pA collisions at forward rapidities: beyond the hybrid model

Thursday, 18 May 2023 15:40 (35 minutes)

Presenter: ARMESTO, Néstor

Contribution ID: 34

Type: **not specified**

Rapidity-only TMD factorization

Thursday, 18 May 2023 16:15 (35 minutes)

Presenter: BALITSKY, Ian

Contribution ID: 35

Type: **not specified**

Remarks on the Langevin formulation of JIMWLK equation toward NLO

Friday, 19 May 2023 09:05 (35 minutes)

Presenter: COUGOULIC, Florian

Contribution ID: 36

Type: **not specified**

NLO JIMWLK and resummations

Friday, 19 May 2023 09:40 (35 minutes)

Presenter: LUBLINSKY, Michael

Contribution ID: 37

Type: **not specified**

Gluon Propagator in Background Field at Next to Eikonal Order

Friday, 19 May 2023 10:45 (35 minutes)

Presenter: MULANI, Swaleha

Contribution ID: 38

Type: **not specified**

Imaging the odderon from exclusive η_c production at the EIC

Presenter: BENIC, Sanjin

Contribution ID: 39

Type: **not specified**

Incoherent diffractive dijet production in electron DIS off nuclei

Friday, 19 May 2023 11:20 (35 minutes)

Presenter: TRIANTAFYLLOPOULOS, Dionysios