

Beyond-Eikonal Methods in High-Energy Scattering

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Welcome

Monday, May 20, 2024 9:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 2

Type: **not specified**

Sudakov Resummation in Small-x Physics

Tuesday, May 21, 2024 9:30 AM (45 minutes)

Presenter: YUAN, Feng (Lawrence Berkeley National Laboratory)

Session Classification: Morning Session

Contribution ID: 3

Type: **not specified**

Precision Study of Gluon Saturation: Experimental Analysis versus Theoretical Approach

Tuesday, May 21, 2024 2:00 PM (45 minutes)

Presenter: XIAO, Bowen (CUHK-Shenzhen)

Session Classification: Afternoon Session

Contribution ID: 4

Type: **not specified**

Gluon-target scattering at next-to-eikonal accuracy

Monday, May 20, 2024 9:30 AM (45 minutes)

Presenter: ALTINOLUK, Tolga (National Centre for Nuclear Research (NCBJ))

Session Classification: Morning Session

Contribution ID: 5

Type: **not specified**

Sub-eikonal corrections to scattering amplitudes at high energy

Tuesday, May 21, 2024 11:00 AM (45 minutes)

Presenter: CHIRILLI, Giovanni Antonio (University of Regensburg)

Session Classification: Morning Session

Contribution ID: 6

Type: **not specified**

Twist 2 and 3 gluon TMDs from back-to-back DIS dijets at NEik accuracy

Monday, May 20, 2024 2:00 PM (45 minutes)

Presenter: BEUF, Guillaume (University of Jyväskylä)

Session Classification: Afternoon Session

Contribution ID: 7

Type: **not specified**

Non-eikonal effects in dijet production at the Electron-Ion Collider

Monday, May 20, 2024 3:30 PM (45 minutes)

Presenter: AGOSTINI INFANTE, Pedro Augusto (IGFAE)

Session Classification: Afternoon Session

Contribution ID: 8

Type: **not specified**

Inclusive DIS at next-to-eikonal order

Monday, May 20, 2024 11:00 AM (45 minutes)

Presenter: MULANI, Swaleha (National Centre for Nuclear Research(NCBJ), Warsaw, Poland)

Session Classification: Morning Session

Contribution ID: 9

Type: **not specified**

Small-x helicity phenomenology in DIS and SIDIS

Tuesday, May 21, 2024 3:30 PM (45 minutes)

Presenter: ADAMIAK, Daniel (Jefferson Lab)

Session Classification: Afternoon Session

Contribution ID: **10**

Type: **not specified**

Spin-orbit correlation at small-x

Wednesday, May 22, 2024 9:30 AM (45 minutes)

Presenter: HATTA, Yoshitaka (BNL)

Session Classification: Morning Session

Contribution ID: 11

Type: **not specified**

Double-Spin Asymmetries in Polarized p+p Collisions and kT Factorization at Small x

Wednesday, May 22, 2024 11:00 AM (45 minutes)

Presenter: LI, Ming (The Ohio State University)

Session Classification: Morning Session

Contribution ID: 12

Type: **not specified**

Valence-Quark Picture for Proton as Initial Condition for High-Energy Helicity-Dependent Processes

Wednesday, May 22, 2024 3:00 PM (45 minutes)

Presenter: TAWABUTR, Yossathorn (University of Jyväskylä)

Session Classification: Afternoon Session

Contribution ID: 13

Type: **not specified**

Leading-Twist Quark TMDs at Small-x

Wednesday, May 22, 2024 1:30 PM (45 minutes)

Presenter: SANTIAGO, M Gabriel (Center for Nuclear Femtography)

Session Classification: Afternoon Session

Contribution ID: 14

Type: **not specified**

Rapidity-only TMD factorization

Thursday, May 23, 2024 1:30 PM (45 minutes)

Presenter: BALITSKY, Ian (JLab/ODU)

Session Classification: Afternoon Session

Contribution ID: 15

Type: **not specified**

TMD factorization bridging large and small x

Thursday, May 23, 2024 3:00 PM (45 minutes)

Presenter: SKOKOV, Vladimir (North Carolina State University)

Session Classification: Afternoon Session

Contribution ID: **16**

Type: **not specified**

TBA

Thursday, May 23, 2024 9:30 AM (45 minutes)

Presenter: KOVNER, Alexander (University of Connecticut)

Session Classification: Morning Session

Contribution ID: 17

Type: **not specified**

Quantum structure of the 3D gluon distribution at high energy

Thursday, May 23, 2024 11:00 AM (45 minutes)

Presenter: MEHTAR-TANI, Yacine (BNL)

Session Classification: Morning Session

Contribution ID: **18**

Type: **not specified**

Diffraction jet production in photon-nucleus interactions

Friday, May 24, 2024 9:30 AM (45 minutes)

Presenter: TRIANTAFYLLOPOULOS, Dionysios (ECT*, Italy)

Session Classification: Morning Session

Contribution ID: **19**

Type: **not specified**

Efficient computation of high-order cusp anomalous dimensions in the string-inspired worldline formulation

Friday, May 24, 2024 11:00 AM (45 minutes)

Presenter: FEAL, Xabier (IGFAE)

Session Classification: Morning Session

Contribution ID: **20**

Type: **not specified**

TBA

Friday, May 24, 2024 1:30 PM (45 minutes)

Presenter: LUBLINSKY, Michael

Session Classification: Afternoon Session

Contribution ID: **21**

Type: **not specified**

TBA

Friday, May 24, 2024 3:00 PM (45 minutes)

Presenter: COUGOULIC, Florian (University of Santiago de Compostela, IGFAE)

Session Classification: Afternoon Session

Contribution ID: 22

Type: **not specified**

Incoherent diffractive dijet production and gluon Bose enhancement in the nuclear wave function

Thursday, May 23, 2024 4:00 PM (45 minutes)

Presenter: KAR, Tiyasa (North Carolina State University)

Session Classification: Afternoon Session

Contribution ID: **23**

Type: **not specified**

Discussion

Monday, May 20, 2024 10:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 24

Type: **not specified**

Discussion

Monday, May 20, 2024 11:45 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 25

Type: **not specified**

Discussion

Monday, May 20, 2024 2:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 26

Type: **not specified**

Discussion

Monday, May 20, 2024 4:15 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 27

Type: **not specified**

Discussion

Tuesday, May 21, 2024 10:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: **28**

Type: **not specified**

Discussion

Tuesday, May 21, 2024 11:45 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 29

Type: **not specified**

Discussion

Tuesday, May 21, 2024 2:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: **30**

Type: **not specified**

Discussion

Tuesday, May 21, 2024 4:15 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: **31**

Type: **not specified**

Discussion

Wednesday, May 22, 2024 10:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: **32**

Type: **not specified**

Discussion

Wednesday, May 22, 2024 11:45 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 33

Type: **not specified**

Discussion

Wednesday, May 22, 2024 2:15 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: **34**

Type: **not specified**

Discussion

Wednesday, May 22, 2024 3:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 35

Type: **not specified**

Discussion

Thursday, May 23, 2024 11:45 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: **36**

Type: **not specified**

Discussion

Thursday, May 23, 2024 10:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: 37

Type: **not specified**

Discussion

Thursday, May 23, 2024 2:15 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: **38**

Type: **not specified**

Discussion

Thursday, May 23, 2024 3:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 39

Type: **not specified**

Discussion

Friday, May 24, 2024 10:15 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: **40**

Type: **not specified**

Discussion

Friday, May 24, 2024 11:45 AM (15 minutes)

Session Classification: Morning Session

Contribution ID: **41**

Type: **not specified**

Discussion

Friday, May 24, 2024 2:15 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 42

Type: **not specified**

Discussion

Friday, May 24, 2024 3:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 43

Type: **not specified**

Discussion

Thursday, May 23, 2024 4:45 PM (15 minutes)

Session Classification: Afternoon Session

Contribution ID: 44

Type: **not specified**

Discussion

Session Classification: Afternoon Session