

# Probing QCD at the high energy frontier



## Report of Contributions

Contribution ID : 1

Type : **not specified**

## **Dipole factorization for DIS at NLO: Towards the full mass renormalized cross section**

*Monday, 21 May 2018 10:00 (45)*

**Presenter(s)** : PAATELAINEN, Risto (Helsinki institute of physics)

Contribution ID : 2

Type : **not specified**

## **Confronting JIMWLK evolution with HERA data**

*Monday, 21 May 2018 11:15 (45)*

**Presenter(s)** : MÄNTYSAARI, Heikki (University of Jyväskylä)

Contribution ID : 3

Type : **not specified**

## **Reweighting the JIMWLK ensemble and biased event samples**

*Monday, 21 May 2018 13:30 (45)*

**Presenter(s)** : DUMITRU, Adrian (Baruch College, City University of NY)

Contribution ID : 4

Type : **not specified**

## **High energy Operator Product Expansion with sub-eikonal spin corrections**

*Monday, 21 May 2018 14:15 (45)*

**Presenter(s)** : CHIRILLI, Giovanni (University of Regensburg)

Contribution ID : 5

Type : **not specified**

## **Vector meson photoproduction within the energy-dependent hot-spot model**

*Monday, 21 May 2018 15:30 (30)*

**Presenter(s)** : CEPILA, Jan (Czech Technical University in Prague)

Contribution ID : 6

Type : **not specified**

## **The Initial Correlations of the Glasma Energy-Momentum Tensor**

*Monday, 21 May 2018 16:00 (30)*

**Presenter(s)** : GUERRERO RODRÍGUEZ, Pablo (CPHT)

Contribution ID : 7

Type : **not specified**

## **Probing of strong interactions and hadron matter in hadron and heavy ion collisions**

*Monday, 21 May 2018 16:30 (30)*

**Presenter(s)** : BARABANOV, Mikhail (JINR)



Contribution ID : 8

Type : **not specified**

## Experimental results

*Tuesday, 22 May 2018 09:15 (45)*

**Presenter(s)** : WINN, Michael (Laboratoire de l'accélérateur linéaire)

Contribution ID : 9

Type : **not specified**

## **Exclusive diffractive processes in the CGC**

*Tuesday, 22 May 2018 10:30 (45)*

**Presenter(s)** : BOUSSARIE, Renaud (Institute of Nuclear Physics PAN)

Contribution ID : **10**

Type : **not specified**

## **Saturation fronts in resummed high energy evolution**

*Tuesday, 22 May 2018 13:45 (45)*

**Presenter(s)** : TRIANTAFYLLOPOULOS, Dionysis (ECT\*)

Contribution ID : 11

Type : **not specified**

## **High-energy factorization beyond leading order**

*Tuesday, 22 May 2018 11:15 (45)*

**Presenter(s)** : IANCU, Edmond (Institut de Physique Théorique (IPhT))

Contribution ID : 12

Type : **not specified**

## **Forward particle production in proton-nucleus collisions at NLO: solving the running-coupling puzzle**

*Tuesday, 22 May 2018 14:30 (45)*

**Presenter(s)**: DUCLOUE, Bertand (IPhT Saclay)

Contribution ID : 13

Type : **not specified**

## **Heavy Flavor and Quarkonium production in p+p and p+A collisions**

*Tuesday, 22 May 2018 15:45 (45)*

**Presenter(s)** : WATANABE, Kazuhiro (Jefferson Lab)

Contribution ID : 14

Type : **not specified**

## **Aspects of particle correlations**

*Wednesday, 23 May 2018 09:15 (45)*

**Presenter(s)**: KOVNER, Alex (University of Connecticut)

Contribution ID : 15

Type : **not specified**

## **Bose enhancement in the dilute-dense limit**

*Wednesday, 23 May 2018 10:30 (45)*

**Presenter(s)** : WERTEPNY , Douglas (Universidade de Santiago de Compostela)



Contribution ID : 16

Type : **not specified**

## **Quantum interference in double and triple inclusive gluon production**

*Wednesday, 23 May 2018 11:15 (45)*

**Presenter(s)** : ALTINOLUK, Tolga (National Centre for Nuclear Research - Warsaw)

Contribution ID : 17

Type : **not specified**

## **Multiparticle correlations and collectivity from the initial state**

*Wednesday, 23 May 2018 13:30 (45)*

**Presenter(s)** : MACE , Mark (Stony Brook Univ./Brookhaven Nat. Lab)

Contribution ID : **18**

Type : **not specified**

## **Dihadron angular correlations**

*Wednesday, 23 May 2018 14:15 (45)*

**Presenter(s)** : WEI , Shu-yi (CPHT, Ecole Polytechnique)

Contribution ID : **19**

Type : **not specified**

## **Multi particle production in proton-nucleus collisions at high-energy**

*Wednesday, 23 May 2018 15:30 (45)*

**Presenter(s)** : MULIAN, Yair (Institut de Physique Théorique (IPhT))

Contribution ID : **20**

Type : **not specified**

## **Probing the time structure of the QGP**

*Thursday, 24 May 2018 09:15 (45)*

**Presenter(s)** : APOLINARIO, Liliana (National Centre for Nuclear Research, Warsaw)

Contribution ID : 21

Type : **not specified**

## **Forward charm production in proton-(proton)nucleus collisions and prompt neutrino production**

*Thursday, 24 May 2018 10:30 (45)*

**Presenter(s)** : STASTO, Anna (Penn State University)

Contribution ID : 22

Type : **not specified**

## **Gluon TMDs from pA -> dijet+photon in the CGC**

*Thursday, 24 May 2018 11:15 (45)*

**Presenter(s)** : TAEELS, Pieter (INFN Pavia)

Contribution ID : 23

Type : **not specified**

## **Towards TMD splitting functions and the corresponding system of evolution equations**

*Thursday, 24 May 2018 13:30 (30)*

**Presenter(s)** : KUTAK, Krzysztof (IFJ PAN)



Contribution ID : 24

Type : **not specified**

## **Dilute-dense collisions at high energies: Lipatov's high energy effective action and the Color Glass Condensate formalism**

*Thursday, 24 May 2018 14:00 (45)*

**Presenter(s)** : HENTSCHINSKI, Martin (Universidad de las Americas Puebla)

Contribution ID : 25

Type : **not specified**

## **Three plays in the multi-Regge limit: jet production, tampering with the infrared and complexity in the Odderon**

*Thursday, 24 May 2018 15:15 (45)*

**Presenter(s)**: SABIO VERA, Agustin (Universidad Autónoma de Madrid)

Contribution ID : 26

Type : **not specified**

## **Unequal rapidity correlators in the dilute limit of JIMWLK**

*Thursday, 24 May 2018 16:00 (30)*

**Presenter(s)** : RAMNATH, Andrecia (University of Jyvaskyla)

Contribution ID : 27

Type : **not specified**

## **The Fragmentation Region at Asymptotic Energy**

*Friday, 25 May 2018 10:00 (45)*

**Presenter(s)** : MCLERRAN, Larry (University of Washington)

Contribution ID : 28

Type : **not specified**

# Entropy production and its time evolution in High Energy QCD

*Friday, 25 May 2018 11:15 (45)*

**Presenter(s)** : SERINO, Mirko (Ben Gurion University of the Negev)

Contribution ID : 29

Type : **not specified**

**TBA**

**Presenter(s)** : KARN, Santosh Kumar (APJ Abdul Kalam Technical University)