

## **Session Program**

**21-26 Aug 2023**



## **52nd International Symposium on Multiparticle Dynamics (ISMD 2023)**

***Proton structure, small-x and large-x physics***

MATE KRC  
H-3200 Gyöngyös, Mátrai út 36, Hungary

## Tuesday 22 August

14:00

### Proton structure, small-x and large-x physics: A

**Session** | **Location:** MATE KRC, H-3200 Gyöngyös, Mátrai út 36, Hungary | **Convener:**  
Prof. Carlos Contreras Hidalgo

14:00–14:15

#### Mueller Navelet and Mueller Tang processes at the LHC

##### Speaker

Prof. Christophe Royon

14:15–14:30

#### Direct photon cross section and double-helicity asymmetry measurement at PHENIX

##### Speaker

Dr Sanghwa Park

14:30–14:45

#### Small- $x$ Helicity Evolution and Recent Developments

##### Speaker

Dr Yossathorn Tawabutr

14:45–15:00

#### Twist decomposition of non-linear effects in Balitsky-Kovchegov evolution ...

##### Speaker

Prof. Mariusz Sadzikowski

15:00–15:15

#### Nuclear parton distribution functions

##### Speaker

Prof. Aleksander Kusina

15:15–15:30

#### The $p^{\uparrow}$ and $^3\text{He}^{\uparrow}$ beam polarization measurements at RHIC and future EIC

##### Speaker

Dr Andrei Poblaguev

15:30

## Friday 25 August

11:00

### Proton structure, small-x and large-x physics: B

**Session** | **Location:** MATE KRC, H-3200 Gyöngyös, Mátrai út 36, Hungary | **Convener:** Byungsik Hong

11:00–11:15

#### Excess of low-kT photons: the puzzle lasting four decades

##### Speaker

Prof. Boris Kopeliovich

11:15–11:30

#### The role of the underlying event in the heavy-flavor baryon enhancement

##### Speaker

Dr Robert Vertesi

11:30–11:45

#### New H1 measurements of event shape observables in DIS

##### Speaker

Dr Radek Zlebcik

11:45–12:00

#### Pion screening mass in a magnetized medium

##### Speaker

Mr Javier Jesus Rendon

12:00–12:15

#### BSQ Hydrodynamics and Challenges with a 4D Equation of State

##### Speaker

Dr Christopher Plumberg

12:15–12:30

#### Recent results on Jet-medium interaction at RHIC

##### Speaker

Dr NIHAR RANJAN Sahoo

12:30