

**Session Program**

**23-25 Jun 2025**

**2025 SURGE Collaboration Meeting and  
Workshop**

***Tuesday Session***

Physics and Astronomy Building, 4-330

# Tuesday 24 June

09:00

## Tuesday Session

**Session** | **Location:** Physics and Astronomy Building, 4-330

09:00–09:25

### Regge Factorization for ep Diffraction from EFT

#### Speaker

Prof. Iain Stewart

09:25–09:50

### Towards 3-loop Balitsky--Kovchegov: the non-conformal part

#### Speaker

Mathieu Giroux

09:50–10:15

### Calculation of sub-eikonal corrections for the dijet production in the background field method

#### Speaker

Andrey Tarasov

10:15

10:45

## Tuesday Session

**Session** | **Location:** Physics and Astronomy Building, 4-330

10:45–11:10

### Gluonic Gravitational Form Factors and Near-Threshold $J/\psi$ Photoproduction in Holographic QCD

#### Speaker

Kiminad Mamo

11:10–11:35

### Probing orbital angular momentum distributions with elastic dijet production in ep collisions

#### Speaker

Brandon Manley

11:35–12:00

### Revisiting the Dihadron Angular Correlations in Forward pA collisions

#### Speaker

Wenbin Zhao

12:00

13:30

## Tuesday Session

**Session** | **Location:** Physics and Astronomy Building, 4-330

13:30–13:55

### Modification of EEC in cold and hot nuclear medium

#### Speaker

Dr Xin-Nian Wang

13:55–14:20

### Energy-energy correlators inside jets in $pp\bar{p}$ and $pA$ collisions

#### Speaker

Jani Penttala

**14:20–14:45 Jet Energy-Energy Correlators in Deep Inelastic Scatterings**

**Speaker**

Yu Fu

14:45–15:10

**Probing the Sivers Asymmetry with Transverse Energy-Energy Correlators in the Small- $x$  Regime**

**Speaker**

DIEGO PADILLA MONROY

15:10

15:40

**Tuesday Session**

**Session** | **Location:** Physics and Astronomy Building, 4-330

**15:40–16:05 Sea quark TMD distributions at small- $x$**

**Speaker**

Marcos Guerrero Morales

**Location**

Physics and Astronomy Building, 4-330

**16:05–16:30 Small- $x$  asymptotics of GPDs**

**Speaker**

Huachen Sun

**Location**

Physics and Astronomy Building, 4-330

**16:30–17:40 Breakout Session: Spin WG**

**Location**

Knudsen Hall, 4-134

**16:30–17:40 Breakout Session: Final State WG**

**Location**

Physics and Astronomy Building, 4-330

**16:30–17:40 Breakout Session: Global Analysis WG**

**Location**

Physics and Astronomy Building, 4-708

**16:30–17:40 Breakout Session: Initial State WG**

**Location**

Physics and Astronomy Building, Schwinger Lounge (4th floor)

**16:30–17:40 Breakout Session: Small  $x$  and NLO WG**

**Location**

Knudsen Hall, 5-142

17:40