

## **Session Program**

**20-24 Nov 2023**

# **14 International Workshop on Multiple Parton Interactions at the LHC, MPI@LHC 2023**

## ***WG4 session***

University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building

## Tuesday 21 November

10:00

### WG4 session

**Session** | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building

10:00–10:20

### **Predictions for Neutrinos and New Physics from Forward Heavy Hadron Production at the LHC**

**Speaker**

Dr Luca Rottoli

10:20

## Thursday 23 November

14:30

### WG4 session

**Session** | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |

**Conveners:** Cristian Baldenegro Barrera , Dr Francesco Giovanni Celiberto

14:30–14:50

#### Results on forward particle production and energy flow at the LHC

**Speakers**

Oscar Adriani, Oscar Adriani

14:50–15:10

#### Recent results of the FASER experiment

**Speaker**

Michaela Queitsch-Maitland

15:10–15:30

#### Small-x resummation for parton distribution functions

**Speaker**

Federico Silveti

15:30

## Friday 24 November

09:00

### WG4 session

**Session** | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre, Schuster Building |  
**Conveners:** Cristian Baldenegro Barrera , Dr Francesco Giovanni Celiberto

09:00–09:20

#### Results on two-photon fusion processes at the LHC

**Speaker**

Lydia Audrey Beresford

09:20–09:40

#### Results on photonuclear interactions at the LHC

**Speaker**

Orlando Villalobos Baillie

09:40–10:00

#### Double Parton Scattering at the EIC and double $J/\psi$ photo production

**Speakers**

Matteo Rinaldi, Matteo Rinaldi

10:00–10:20

#### High-energy logarithmic corrections within the HEJ framework

**Speaker**

Emmet Byrne

10:20–10:40

#### Next-to-leading BFKL predictions for Mueller-Tang jets at LHC

**Speaker**

Dimitri Colferai

10:40