

## **Session Program**

**20-24 Nov 2023**

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

## ***WG2 track***

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

# Monday 20 November

11:10

## WG2 track

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

11:10–11:30

### Double Parton Distribution Functions on the Lattice

#### Speaker

Daniel Reitering

11:30–11:50

### Double transverse momentum dependent parton distributions matched to DPDFs

#### Speaker

Oskar Grocholski

11:50–12:10

### Valence and sea parton correlations in double parton scattering from data

#### Speakers

Edgar Huayra, Emmanuel Gräve de Oliveira

12:10–12:30

### Hot spot model of nucleon and double parton scattering

#### Speaker

Boris Blok

12:30

16:30

## WG2 track: REMOTE TALKS

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

16:30–16:50

### TPS in pp and DPS in pA

#### Speaker

Huasheng Shao

16:50

## Tuesday 21 November

16:20

### WG2 track

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

16:20–16:40

#### Latest measurements of DPS using Quarkonia from all experiment

**Speaker**

Maria Elena Ascioti

16:40–17:00

#### Six-jet production via double and triple parton scatterings in p-p and p-Pb collisions at the LHC

**Speaker**

Marina Maneyro

17:00–17:20

#### Exploring high-purity multi-parton scattering at hadron colliders

**Speaker**

Dr Luca Rottoli

17:20–17:40

#### Numerical impact of NLO splitting in double parton distributions

**Speakers**

Peter Josef Ploessl, Peter Ploessl

17:40–18:00

#### Multiple Parton Scattering: Symmetrising Pythia

**Speaker**

Ms Lawrie Smith

18:00

# Wednesday 22 November

09:00

## WG2 track

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

09:00–09:20 **Latest measurements using Hard Objects from all experiment**

**Speaker**

Ankita Mehta

09:20–09:40

**Evolution of colour dependent double parton distributions: a quantitative study**

**Speaker**

Markus Diehl

09:40–10:00

**Towards Double Parton Distributions from First Principles using Large Momentum Effective Theory**

**Speaker**

Rudi Rahn

10:00–10:20

**Triple parton scatterings in high-energy proton-proton and proton-nucleus collisions**

**Speaker**

David d'Enterria

10:20