

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/ψ 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