

## **Session Program**

**10-14 Dec 2018**



# **10th International Workshop on Multiple Partonic Interactions at the LHC**

***WG3***

Auditorium Santa Cecilia , Perugia, Italy  
Via Fratti, 2 - 06123 Perugia Italy

# Tuesday 11 December

11:10

## WG3

**Session** | **Location:** Auditorium Santa Cecilia , Perugia, Italy, Via Fratti, 2 - 06123 Perugia Italy

11:10-11:30 **Two-loop splitting in double parton distributions**

**Speaker**

Jonathan Richard Gaunt

11:30-11:50 **Double Parton Scattering at Short Relative Transverse Distances**

**Speaker**

Daniele Treleani

11:50-12:10

**Jet substructure as a tool to study Double parton scatterings in  $V + jets$  processes at the LHC**

**Speaker**

Dr Ramandeep Kumar

12:10-12:30

**Mini-jet model estimate of the effective cross-section for double parton scattering**

**Speaker**

Giulia Pancheri

12:30-13:00 **Double parton scattering in final states with jets**

**Speaker**

Deepak Kar

13:00

# Wednesday 12 December

11:10

## WG3

**Session** | **Location:** Auditorium Santa Cecilia , Perugia, Italy, Via Fratti, 2 - 06123 Perugia Italy

11:10-11:30 **Efficient numerical evolution of double-parton distributions**

**Speaker**

Mr Riccardo Nagar

11:30-11:50 **Colour Reconnection from Soft Gluon Evolution**

**Speaker**

Mr Patrick Kirchgaesser

11:50-12:10 **Constraining DPD models using sum rules**

**Speaker**

Peter Plößl

12:10-12:30 **Double Parton Distributions for the Pion on the Lattice**

**Speaker**

Mr Christian Zimmermann

12:30-13:00 **Studies of the double parton scattering using massive vector bosons**

**Speaker**

Ankita Mehta

13:00

# Thursday 13 December

11:10

## WG3: WG3

**Session** | **Location:** Auditorium Santa Cecilia , Perugia, Italy, Via Fratti, 2 - 06123 Perugia Italy

11:10–11:40

### Studies of the Double parton scattering through heavy flavours production

**Speaker**

Aleksei Dziuba

11:40–12:00

### Proton Structure at the LHC via double parton scattering

**Speaker**

Federico Alberto Ceccopieri

12:00–12:20

### A spin on same-sign W boson pair production at the LHC

**Speaker**

Sabrina Cotogno

12:20–12:40

### Four-jet and three-jet plus gamma DPS production in pp and pA collisions at the LHC

**Speaker**

Oleh Fedkevych

12:40–13:00

### Double parton scatterings in associated-quarkonium production

**Speaker**

Nodoka Yamanaka

13:00

## Friday 14 December

11:10

### WG3: WG3: Conclusion and Summary

**Session** | **Location:** Auditorium Santa Cecilia , Perugia, Italy, Via Fratti, 2 - 06123 Perugia Italy

11:10-11:20 **WG3 (Double Parton Scattering) - Summary**

**Speaker**

Matteo Rinaldi

11:20-11:40 **Discussion**

11:40