

# **Workshop on Double Parton Scattering and the 3D structure of hadrons**

## **Report of Contributions**

Contribution ID: 25

Type: **not specified**

# Talk 1

Contribution ID: 26

Type: **not specified**

## **Double parton scattering: theory review**

*Sunday 12 January 2025 08:30 (30 minutes)*

**Presenter:** GAUNT, Jonathan

**Session Classification:** Morning session 1 (6 talks of 30 min)

Contribution ID: 27

Type: **not specified**

## **DPS off light-nuclei**

*Sunday 12 January 2025 11:00 (30 minutes)*

**Presenter:** FORNETTI, Filippo

**Session Classification:** Morning session 1 (6 talks of 30 min)

Contribution ID: 28

Type: **not specified**

## **Overview on Generalized Parton Distribution functions**

*Sunday 12 January 2025 09:30 (30 minutes)*

**Presenters:** NABEEBACCUS, Saad (IJCLab); XU, Yue

**Session Classification:** Morning session 1 (6 talks of 30 min)

Contribution ID: 29

Type: **not specified**

## **DPS and TPS in pA and AA collisions**

*Sunday 12 January 2025 10:30 (30 minutes)*

**Presenter:** D'ENTERRIA, David (CERN)

**Session Classification:** Morning session 1 (6 talks of 30 min)

Contribution ID: **30**

Type: **not specified**

## **DPS on CMS**

*Sunday 12 January 2025 09:00 (30 minutes)*

**Presenter:** LEONTSINIS, Stefanos (University of Zurich (CH))

**Session Classification:** Morning session 1 (6 talks of 30 min)

Contribution ID: 31

Type: **not specified**

## **Spatial dependence of nuclear PDFs**

*Sunday 12 January 2025 11:30 (30 minutes)*

**Presenter:** DELORME, Stéphane (IFJ PAN)

**Session Classification:** Morning session 1 (6 talks of 30 min)



Contribution ID: **32**

Type: **not specified**

## **TPS at CMS**

*Monday 13 January 2025 11:30 (30 minutes)*

**Presenter:** ASCIOTI, Maria Elena (Universita e INFN, Perugia (IT))

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: **33**

Type: **not specified**

## **DPS with Pythia**

*Tuesday 14 January 2025 09:30 (30 minutes)*

**Presenter:** Ms SMITH, Lawrie

**Session Classification:** Morning session 3 (6 talks of 30 min)

Contribution ID: **34**

Type: **not specified**

## **DPDs and lattice**

*Monday 13 January 2025 08:30 (30 minutes)*

**Presenter:** ZIMMERMANN, Christian

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: 35

Type: **not specified**

## **DPS studies with CMS**

*Monday 13 January 2025 09:00 (30 minutes)*

**Presenter:** MEHTA, Ankita (CERN)

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: 36

Type: **not specified**

## **DPS studies with ALICE**

*Monday 13 January 2025 09:30 (30 minutes)*

**Presenter:** TAVIRA GARCIA, Andrea (Université Paris-Saclay (FR))

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: 37

Type: **not specified**

## **A new role for the photon in double parton scattering**

*Tuesday 14 January 2025 09:00 (30 minutes)*

**Presenter:** CECCOPIERI, Federico Alberto

**Session Classification:** Morning session 3 (6 talks of 30 min)

Contribution ID: **38**

Type: **not specified**

## **Cold nuclear matter effects and UPCs**

*Tuesday 14 January 2025 18:10 (35 minutes)*

**Presenter:** GUZEY, Vadim (University of Jyvaskyla)

**Session Classification:** Joint session

Contribution ID: 39

Type: **not specified**

## **Exclusive quarkonium production in UPCs and nPDFs**

*Tuesday 14 January 2025 17:35 (35 minutes)*

**Presenter:** FLETT, Chris (IJCLab)

**Session Classification:** Joint session



Contribution ID: 40

Type: **not specified**

## Quarkonia in pA and nPDF

*Tuesday 14 January 2025 17:00 (35 minutes)*

**Presenter:** KUSINA, Aleksander

**Session Classification:** Joint session

Contribution ID: 41

Type: **not specified**

## **Phase-space distributions of nuclear short-range correlations**

*Tuesday 14 January 2025 18:45 (35 minutes)*

**Presenter:** COSYN, Wim (Florida International University)

**Session Classification:** Joint session

Contribution ID: 42

Type: **not specified**

## **MPI at the hadron colliders**

*Tuesday 14 January 2025 08:30 (30 minutes)*

**Presenter:** ROTTOLI, Luca (Universita & INFN, Milano-Bicocca (IT))

**Session Classification:** Morning session 3 (6 talks of 30 min)

Contribution ID: 43

Type: **not specified**

## DPS at LHCb

*Monday 13 January 2025 11:00 (30 minutes)*

**Presenter:** HE, Jibo (University of Chinese Academy of Sciences (CN))

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: 44

Type: **not specified**

## DPS at ATLAS

*Monday 13 January 2025 10:30 (30 minutes)*

**Presenter:** XU, Yue (University of Washington (US))

**Session Classification:** Morning session 2 (6 talks of 30 min)

Contribution ID: 45

Type: **not specified**

## DPDs in Pythia

**Presenter:** Ms SMITH, Lawrie

**Session Classification:** Morning session 3 (6 talks of 30 min)

Contribution ID: 46

Type: **not specified**

## **Some hints from heavy ions Physics, centrality and impact parameter distros.**

*Sunday 12 January 2025 18:00 (1h 30m)*

**Session Classification:** Discussion

Contribution ID: 47

Type: **not specified**

## **Q&A session (joint session)**

*Wednesday 15 January 2025 08:30 (1h 30m)*

**Session Classification:** Morning session 4 (summary talks and discussion)



Contribution ID: 48

Type: **not specified**

## **Summary of the workshop and prospects (document, global analysis of sigma\_eff, ..)**

*Wednesday 15 January 2025 10:30 (1h 30m)*

**Session Classification:** Morning session 4 (summary talks and discussion)

Contribution ID: 49

Type: **not specified**

## Q&A session

*Sunday 12 January 2025 16:30 (1h 30m)*

**Session Classification:** Discussion

Contribution ID: 50

Type: **not specified**

## **Q&A session**

*Monday 13 January 2025 16:30 (1h 30m)*

**Session Classification:** Discussion session 2: Question & Round tables

Contribution ID: 51

Type: **not specified**

## Q&A session

*Tuesday 14 January 2025 10:30 (1h 30m)*

**Session Classification:** Morning session 3 (6 talks of 30 min)