

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

Saturday 11 January 2025 - Wednesday 15 January 2025

Aussois, Centre Paul Langevin

Book of Abstracts

Contents

Talk 1	1
Review on DPS and DPDs and σ_{eff}	1
DPS off light-nuclei	1
Overview on Generalized Parton Distribution functions	1
DPS and TPS in pA and AA collisions	1
DPS on CMS	1
Spatial dependence of nuclear PDFs	1
TPS at CMS	2
DPS with Pythia	2
DPDs and lattice	2
DPS studies with CMS	2
DPS studies with ALICE	2
DPS@EIC	2
Cold nuclear matter effects and UPCs	2
Exclusive quarkonium production in UPCs and nPDFs	3
Quarkonia in pA and AA nPDF	3
Nuclear GPDs - deuteron?	3
MPI at the hadron colliders	3
DPS at LHCb	3
DPS at ATLAS	3
DPDs in Pythia	3
Some hints from heavy ions Physics, centrality and impact parameter distros.	4
Q&A session (joint session)	4

Summary of the workshop and prospects (document, global analysis of sigma_eff, ..)	4
Q&A session	4
Q&A session	4
Q&A session	4

25

Talk 1

Morning session 1 (6 talks of 30 min) / 26

Review on DPS and DPDs and σ_{eff}

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Morning session 1 (6 talks of 30 min) / 27

DPS off light-nuclei

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Morning session 1 (6 talks of 30 min) / 28

Overview on Generalized Parton Distribution functions

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Morning session 1 (6 talks of 30 min) / 29

DPS and TPS in pA and AA collisions

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Morning session 1 (6 talks of 30 min) / 30

DPS on CMS

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Morning session 1 (6 talks of 30 min) / 31

Spatial dependence of nuclear PDFs

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Morning session 2 (6 talks of 30 min) / 32

TPS at CMS

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Morning session 3 (6 talks of 30 min) / 33

DPS with Pythia

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Morning session 2 (6 talks of 30 min) / 34

DPDs and lattice

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Morning session 2 (6 talks of 30 min) / 35

DPS studies with CMS

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Morning session 3 (6 talks of 30 min) / 37

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Joint session / 38

Cold nuclear matter effects and UPCs

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Joint session / 39

Exclusive quarkonium production in UPCs and nPDFs

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Quarkonia in pA and AA nPDF

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Joint session / 41

Nuclear GPDs - deuteron?

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Morning session 3 (6 talks of 30 min) / 42

MPI at the hadron colliders

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Morning session 2 (6 talks of 30 min) / 43

DPS at LHCb

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Morning session 2 (6 talks of 30 min) / 44

DPS at ATLAS

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Morning session 3 (6 talks of 30 min) / 45

DPDs in Pythia

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Discussion / 46

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

Morning session 4 (summary talks and discussion) / 47

Q&A session (joint session)

Morning session 4 (summary talks and discussion) / 48

Summary of the workshop and prospects (document, global analysis of σ_{eff} , ..)

Discussion / 49

Q&A session

Discussion session 2: Question & Round tables / 50

Q&A session

Morning session 3 (6 talks of 30 min) / 51

Q&A session