

# **3D Parton Distributions: path to the LHC**

## **Report of Contributions**

Contribution ID: **0**

Type: **not specified**

## Registration

*Tuesday, 29 November 2016 08:45 (15 minutes)*

Contribution ID: 1

Type: **not specified**

## Welcome – Organizers

*Tuesday, 29 November 2016 09:00 (20 minutes)*

**Presenter:** Dr AVAGYAN, Harut (Jefferson Lab)

Contribution ID: 2

Type: **not specified**

## **Introduction to orbital effects in hard scattering**

*Tuesday, 29 November 2016 09:20 (40 minutes)*

**Presenter:** ANSELMINO, Mauro (TO)

Contribution ID: **3**

Type: **not specified**

## **3D structure of nucleon: present and future**

*Tuesday, 29 November 2016 10:00 (30 minutes)*

**Presenter:** BACCHETTA, Alessandro (PV)

Contribution ID: 4

Type: **not specified**

# **Confinement, Dynamical Symmetry Breaking and Transverse Spin**

*Tuesday, 29 November 2016 11:00 (30 minutes)*

**Presenter:** SIVERS, D.

Contribution ID: 5

Type: **not specified**

## **Parametrizing non perturbative dynamics with pdfs**

*Tuesday, 29 November 2016 11:30 (30 minutes)*

**Presenter:** KOTZINIAN, Aram (TO)

Contribution ID: 6

Type: **not specified**

## **Recursive model for jets from polarized quarks**

*Tuesday, 29 November 2016 12:00 (30 minutes)*

**Presenter:** Mr ARTRU, Xavier (Université de Lyon, CNRS/IN2P3, IPNL)



Contribution ID: 7

Type: **not specified**

## **TMDs on Lattice**

*Tuesday, 29 November 2016 14:30 (30 minutes)*

**Presenter:** ENGELHARDT, Michael (New Mexico State University)

Contribution ID: **8**

Type: **not specified**

## **TMDs at RHIC**

**Presenter:** Dr ASCHENAUER, Elke-Caroline (BNL)

Contribution ID: 9

Type: **not specified**

## **COMPASS studies of the transverse structure of the nucleon**

*Tuesday, 29 November 2016 15:00 (30 minutes)*

**Presenter:** MARTIN, Anna (TS)

Contribution ID: **10**

Type: **not specified**

## **EIC**

*Tuesday, 29 November 2016 15:30 (30 minutes)*

**Presenter:** DESHPANDE, Abhay (Stony Brook University)

Contribution ID: 11

Type: **not specified**

## **QCD-based measurements of jet modifications in matter**

*Tuesday, 29 November 2016 16:30 (30 minutes)*

**Presenter:** JACOBS, Peter (Lawrence Berkeley National Laboratory)

Contribution ID: 12

Type: **not specified**

## **EW measurements at LHCb and understanding of PDFs**

*Tuesday, 29 November 2016 17:00 (30 minutes)*

**Presenter:** Mr DREIMANIS, Kārlis (University of Liverpool)

Contribution ID: 13

Type: **not specified**

## **Polarization Effects in Hadronization**

*Tuesday, 29 November 2016 12:30 (30 minutes)*

**Presenter:** Dr MATEVOSYAN, Hrayr (CoEPP/CSSM, The University of Adelaide)

Contribution ID: **14**

Type: **not specified**

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Contribution ID: 15

Type: **not specified**

## **Gluons TMDs (very low-x)**

*Wednesday, 30 November 2016 09:00 (30 minutes)*

**Presenter:** BOER, Daniel (University of Groningen)

Contribution ID: **16**

Type: **not specified**

## **Spin physics at LHC**

**Primary author:** Dr SCHLEGEL, Marc (University of Tuebingen)

Contribution ID: 17

Type: **not specified**

## **Spin physics at LHC**

*Wednesday, 30 November 2016 09:30 (30 minutes)*

**Presenter:** Dr SCHLEGEL, Marc (University of Tuebingen)

Contribution ID: **18**

Type: **not specified**

## **Vector meson production near threshold at JLab12**

*Wednesday, 30 November 2016 10:00 (30 minutes)*

**Presenter:** PAOLONE, M

Contribution ID: **19**

Type: **not specified**

## **Quarkonia polarisation at the LHC**

*Wednesday, 30 November 2016 11:00 (30 minutes)*

**Presenter:** Dr BIANCHI, Livio (University of Houston)

Contribution ID: 20

Type: **not specified**

## **TMDs from hard scattering processes**

*Wednesday, 30 November 2016 11:30 (30 minutes)*

**Presenter:** D'ALESIO, Umberto (CA)

Contribution ID: 21

Type: **not specified**

## **Fragmentation Functions: status and perspectives**

*Wednesday, 30 November 2016 12:00 (30 minutes)*

**Presenter:** Dr RADICI, Marco (PV)

Contribution ID: 22

Type: **not specified**

## **TMD fragmentation functions**

*Wednesday, 30 November 2016 12:30 (30 minutes)*

**Presenter:** Prof. LIANG, Zuo-tang (Shandong University)



Contribution ID: 23

Type: **not specified**

## **Studies of TMDs at HERMES**

*Thursday, 1 December 2016 11:00 (30 minutes)*

**Presenter:** SCHNELL, Gunar (University of the Basque Country UPV/EHU)

Contribution ID: 24

Type: **not specified**

## **Studies of TMDs at JLab**

*Thursday, 1 December 2016 11:30 (30 minutes)*

**Presenter:** Dr ROSSI, Patrizia (Jefferson Lab)

Contribution ID: 25

Type: **not specified**

## **Hadron transverse momentum distributions from SIDIS and pp**

*Thursday, 1 December 2016 12:00 (30 minutes)*

**Presenter:** BRESSAN, Andrea (TS)

Contribution ID: 26

Type: **not specified**

## **Matching TMD factorization and collinear factorization**

*Wednesday, 30 November 2016 15:30 (30 minutes)*

**Presenter:** GAMBERG, Leonard (Penn State University)

Contribution ID: 27

Type: **not specified**

## **Lambda polarization/Fracture Functions/Spin Directed Momentum Shifts**

*Wednesday, 30 November 2016 16:30 (30 minutes)*

**Presenter:** Prof. GOLDSTEIN, Gary (Tufts University)

Contribution ID: 28

Type: **not specified**

## **Polarization and vorticity in relativistic nuclear collisions**

*Wednesday, 30 November 2016 17:00 (30 minutes)*

**Presenter:** BECATTINI, Francesco (FI)

Contribution ID: 29

Type: **not specified**

## Theory of TMDs

*Thursday, 1 December 2016 09:00 (30 minutes)*

**Presenter:** Prof. MULDER, Piet (Nikhef Theory Group and VU)

Contribution ID: **30**

Type: **not specified**

## Helicity Evolution at Small $x$

**Presenter:** Prof. KOVCHEGOV, Yuri (The Ohio State University)



Contribution ID: **31**

Type: **not specified**

## **TMD and unintegrated PDFs: QCD factorization at the LHC**

*Thursday, 1 December 2016 09:30 (30 minutes)*

**Presenter:** Dr CHEREDNIKOV, Igor (Universiteit Antwerpen)

Contribution ID: 32

Type: **not specified**

## Experimental talk on BSM

*Wednesday, 30 November 2016 14:30 (30 minutes)*

**Presenter:** BAESSLER, Stefan (University of Virginia)

Contribution ID: 33

Type: **not specified**

## **The tensor and the scalar charges of the nucleon: impact on New Physics**

*Wednesday, 30 November 2016 15:00 (30 minutes)*

**Presenter:** Dr COURTOY, Aurore (CINVESTAV)

Contribution ID: **34**

Type: **not specified**

## Tensor charge

**Presenter:** Dr RADICI, Marco (PV)

Contribution ID: 35

Type: **not specified**

## **Hadronic EDMs from Dyson-Schwinger: Rho-meson and Nucleon**

*Thursday, 1 December 2016 12:30 (30 minutes)*

**Presenter:** Dr PITSCHMANN, Mario (TU Wien)

Contribution ID: **36**

Type: **not specified**

## **Orbital motion and FSI**

*Thursday, 1 December 2016 14:30 (30 minutes)*

**Presenter:** Prof. BURKARDT, Matthias (New Mexico State University)

Contribution ID: 37

Type: **not specified**

## **3D nucleon structure and Double Parton Scattering at the LHC**

*Thursday, 1 December 2016 15:00 (30 minutes)*

**Presenter:** SCOPETTA, Sergio (PG)

Contribution ID: **38**

Type: **not specified**

## **Exclusive processes and GPDs**

*Thursday, 1 December 2016 15:30 (30 minutes)*

**Presenter:** DUPRE, Raphael (IPN Orsay)



Contribution ID: 39

Type: **not specified**

## Proton Structure in Lattice QCD

*Thursday, 1 December 2016 10:00 (30 minutes)*

**Presenter:** Prof. LIU, Keh-Fei (University of Kentucky)

Contribution ID: 40

Type: **not specified**

## **Angular distributions of the Drell-Yan process**

*Thursday, 1 December 2016 16:30 (30 minutes)*

**Presenter:** Prof. PENG, Jen-Chieh (University of Illinois)

Contribution ID: 41

Type: **not specified**

## Hadronization Models

**Presenter:** Ms BELGHOBSI, Zouina (Département de Physique Faculté des sciences exactes et de l'informatique Université de Jijel)

Contribution ID: 42

Type: **not specified**

## **DY experiments**

*Friday, 2 December 2016 09:00 (30 minutes)*

**Presenter:** Prof. LORENZON, W.

Contribution ID: 43

Type: **not specified**

## **DY at COMPASS**

*Friday, 2 December 2016 09:30 (30 minutes)*

**Presenter:** MARQUES QUINTANS, Catarina (LIP - Lisbon, Portugal)

Contribution ID: 44

Type: **not specified**

## **Quark angular and transverse momentum in covariant approach**

*Friday, 2 December 2016 10:00 (30 minutes)*

**Presenter:** Dr ZAVADA, Petr (Institute of Physics, ASCR, Prague)

Contribution ID: 45

Type: **not specified**

## **Long. target pol. dependent azimuthal asymmetries**

*Friday, 2 December 2016 11:00 (30 minutes)*

**Presenter:** PARSAMYAN, Bakur (TO)

Contribution ID: 46

Type: **not specified**

## Phenomenology of Gluon TMDs

*Friday, 2 December 2016 11:30 (30 minutes)*

**Presenter:** PISANO, Cristian (PV)



Contribution ID: 47

Type: **not specified**

## **3D Distributions: Future**

*Friday, 2 December 2016 12:00 (30 minutes)*

**Presenter:** CONTALBRIGO, Marco (FE)

Contribution ID: 48

Type: **not specified**

## **Drell-Yan lepton angular distributions in perturbative QCD**

*Thursday, 1 December 2016 17:00 (30 minutes)*

**Primary author:** Prof. VOGELSANG, Werner (University of Tuebingen)

**Presenter:** Prof. VOGELSANG, Werner (University of Tuebingen)

Contribution ID: 49

Type: **not specified**

## **3DPDF: Future Perspectives**

*Friday, 2 December 2016 12:30 (30 minutes)*

**Presenters:** Dr AVAGYAN, Harut (Jefferson Lab); Dr DI NEZZA, Pasquale (LNF)