

2nd Workshop on Probing Strangeness in Hard Processes

Report of Contributions

Contribution ID: 0

Type: **Invited talk**

Lattice QCD studies of transverse momentum-dependent parton distributions

Tuesday, November 12, 2013 9:00 AM (25 minutes)

Primary author: ENGELHARDT, Michael (New Mexico State University)

Presenter: ENGELHARDT, Michael (New Mexico State University)

Track Classification: Nucleon tomography - GPDs and TMDs

Contribution ID: 1

Type: **Invited talk**

GPD analyses of kaons leptoproduction,

Monday, November 11, 2013 5:00 PM (25 minutes)

Primary author: Dr GOLOSKOKOV, Sergey (JINR, Dubna, Russia)

Presenter: Dr GOLOSKOKOV, Sergey (JINR, Dubna, Russia)

Contribution ID: 2

Type: **Invited talk**

On the Bjorken-x dependence of strange quark parton distributions

Monday, November 11, 2013 11:45 AM (25 minutes)

Primary author: PENG, Jen-chieh (University of Illinois)

Presenter: PENG, Jen-chieh (University of Illinois)

Contribution ID: 3

Type: **not specified**

Transverse size in electroproduction

Tuesday, November 12, 2013 5:00 PM (25 minutes)

Primary author: Prof. HOYER, Paul (University of Helsinki)

Presenter: Prof. HOYER, Paul (University of Helsinki)

Contribution ID: 4

Type: **Invited talk**

HERMES results for multiplicities for charged pions and kaons and the polarisation-averaged strange-quark distribution

Monday, November 11, 2013 10:15 AM (25 minutes)

Primary author: Prof. RITH, Klaus (University of Erlangen-Nürnberg)

Presenter: Prof. RITH, Klaus (University of Erlangen-Nürnberg)

Track Classification: Quark hadronization

Contribution ID: 6

Type: **not specified**

Quest for the Fundamental Structure of Nucleon: the Role of Strangeness

I will discuss the nucleon structure in parton picture, and in particular, emphasize the role of strange contributions.

Primary author: YUAN, Feng (Lawrence Berkeley Lab)

Presenter: YUAN, Feng (Lawrence Berkeley Lab)

Contribution ID: 7

Type: **not specified**

Extraction of TMDs with global fits

Tuesday, November 12, 2013 1:00 PM (25 minutes)

Primary author: MELIS, Stefano (TO)

Presenter: MELIS, Stefano (TO)

Contribution ID: 8

Type: **not specified**

Results for dihadron production in SIDIS

Tuesday, November 12, 2013 3:00 PM (25 minutes)

Primary author: Mr BRAUN, Christopher (Friedrich-Alexander-Univ. Erlangen)

Presenter: Mr BRAUN, Christopher (Friedrich-Alexander-Univ. Erlangen)

Contribution ID: 9

Type: **not specified**

Investigating the flavor dependence of partonic transverse momentum

Using recently published HERMES data on multiplicities in semi-inclusive deep-inelastic scattering, we discuss for the first time the flavor dependence of unpolarized transverse-momentum dependent distribution and fragmentation functions.

We find convincing indications that favored fragmentation functions into pions have smaller average transverse momentum than unfavored functions and fragmentation functions into kaons.

We find weaker indications of flavor dependence in the distribution functions.

Primary author: Dr RADICI, Marco (PV)

Co-authors: Dr BACCHETTA, Alessandro (University Pavia); Dr SIGNORI, Andrea (VU University Amsterdam); Dr SCHNELL, Gunar (University of the Basque Country, IKERBASQUE)

Presenter: Dr RADICI, Marco (PV)

Contribution ID: **10**

Type: **not specified**

Intrinsic transverse momenta from SIDIS data

Monday, November 11, 2013 12:15 PM (25 minutes)

Primary author: GONZALEZ HERNANDEZ, Jose Osvaldo (TO)

Presenter: GONZALEZ HERNANDEZ, Jose Osvaldo (TO)

Contribution ID: 17

Type: **not specified**

Registration

Monday, November 11, 2013 8:30 AM (30 minutes)

Contribution ID: **18**

Type: **not specified**

Welcome by the Director

Monday, November 11, 2013 9:00 AM (15 minutes)

Presenter: Dr GIANOTTI, Paola (LNF)

Contribution ID: **19**

Type: **not specified**

CLAS12 baseline equipment and status of the project

Wednesday, November 13, 2013 11:15 AM (25 minutes)

Presenter: Dr ROSSI, Patrizia (Jefferson Lab/LNF-INFN)

Contribution ID: 20

Type: **not specified**

Physics overview

Presenter: YUAN, F.

Contribution ID: 21

Type: **not specified**

The (un)polarized strangeness distribution from NNPDF

Monday, November 11, 2013 9:15 AM (25 minutes)

Presenter: NOCERA, Emanuele Roberto (M)

Contribution ID: 22

Type: **not specified**

HERMES news on multiplicities and PDF observables

Presenter: Prof. RITH, Klaus (University of Erlangen-Nürnberg)

Contribution ID: 23

Type: **not specified**

COMPASS news on multiplicities and PDF observables

Monday, November 11, 2013 9:45 AM (25 minutes)

Presenter: Dr MAKKE, Nour (University/INFN of Trieste)

Contribution ID: 24

Type: **not specified**

JLab news on multiplicities and PDF observables

Monday, November 11, 2013 10:45 AM (25 minutes)

Presenter: OSIPENKO, Mikhail (GE)

Contribution ID: 25

Type: **not specified**

Intrinsic transverse momenta from SIDIS data

Presenter: GONZALES, O.

Contribution ID: 26

Type: **not specified**

Hadron production at BELLE

Monday, November 11, 2013 3:00 PM (25 minutes)

Presenter: Dr GIORDANO, Francesca (UIUC)

Contribution ID: 27

Type: **not specified**

Hadron production at BaBar

Monday, November 11, 2013 3:30 PM (25 minutes)

Presenter: GARZIA, Isabella (FE)

Contribution ID: 28

Type: **not specified**

Fragmentation functions and their impact on PDF analyses

Presenter: Dr ASCHENAUER, Elke-Caroline (BNL)

Contribution ID: 29

Type: **not specified**

Strangeness contents of the nucleon

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

Contribution ID: **30**

Type: **not specified**

Hadronization in the nuclear medium

Monday, November 11, 2013 4:00 PM (25 minutes)

Presenter: BROOKS, William (Universidad Técnica Federica Santa María)

Contribution ID: **31**

Type: **not specified**

Spectroscopy with Kaons at CLAS/CLAS12

Tuesday, November 12, 2013 5:30 PM (25 minutes)

Presenter: DE VITA, Raffaella (GE)

Contribution ID: 32

Type: **not specified**

Social Event and Welcome Reception

Contribution ID: 33

Type: **not specified**

The Bessel-weighting strategy

Tuesday, November 12, 2013 9:30 AM (25 minutes)

Presenter: BOER, Daniel (University of Groningen)

Contribution ID: **34**

Type: **not specified**

TMD evolution

Tuesday, November 12, 2013 10:00 AM (25 minutes)

Presenter: GAMBERG, Leonard (Penn State University)

Contribution ID: 35

Type: **not specified**

COMPASS news on TMD observables

Tuesday, November 12, 2013 11:30 AM (25 minutes)

Presenter: MARTIN, Anna (TS)

Contribution ID: **36**

Type: **not specified**

HERMES news on TMD observables

Tuesday, November 12, 2013 12:00 PM (25 minutes)

Presenter: Mr PAPPALARDO, Luciano Libero (FE)

Contribution ID: 37

Type: **not specified**

JLab news on TMD observables

Tuesday, November 12, 2013 12:30 PM (25 minutes)

Presenter: PISANO, Silvia (LNF)

Contribution ID: **38**

Type: **not specified**

Monte Carlo for TMDs

Tuesday, November 12, 2013 10:30 AM (25 minutes)

Presenter: AGHASYAN, Mher (LNF)

Contribution ID: **39**

Type: **not specified**

Lunch Break

Contribution ID: 40

Type: **not specified**

Flavour dependence of partonic transverse momentum

Monday, November 11, 2013 12:45 PM (25 minutes)

Presenter: Dr RADICI, Marco (PV)

Contribution ID: 41

Type: **not specified**

Analysis of di-hadron observables

Tuesday, November 12, 2013 3:30 PM (25 minutes)

Presenter: COURTOY, Aurore (LNF)

Contribution ID: 42

Type: **not specified**

Di-hadron production in target/current fragm. region

Presenter: KOTZINIAN, Aram (TO)

Contribution ID: 43

Type: **not specified**

Observability of orbital angular momentum distributions

Monday, November 11, 2013 5:30 PM (25 minutes)

Presenter: Dr LIUTI, simonetta (University of Virginia)

Contribution ID: 44

Type: **not specified**

Role of kaon production at JLab12

Wednesday, November 13, 2013 9:00 AM (25 minutes)

Presenter: CONTALBRIGO, Marco (FE)

Contribution ID: 45

Type: **not specified**

Role of kaon production at COMPASS-II

Wednesday, November 13, 2013 9:30 AM (25 minutes)

Presenter: MARTIN, Anna (TS)

Contribution ID: 46

Type: **not specified**

Role of kaon production at an EIC and news about fragmentation function fits

Wednesday, November 13, 2013 10:00 AM (40 minutes)

Presenter: Dr ASCHENAUER, Elke-Caroline (BNL)

Contribution ID: 47

Type: **not specified**

RICH technology and the LHCb experience

Wednesday, November 13, 2013 11:45 AM (25 minutes)

Presenter: MATTEUZZI, Clara (MIB)

Contribution ID: 48

Type: **not specified**

The CLAS12 Rich project

Wednesday, November 13, 2013 12:15 PM (25 minutes)

Presenter: MIRAZITA, Marco (LNF)

Contribution ID: 49

Type: **not specified**

Efficient DIRC particle identification in PANDA

Wednesday, November 13, 2013 12:45 PM (25 minutes)

Presenter: Dr HOEK, Matthias (University of Glasgow)

Contribution ID: 50

Type: **not specified**

OMEGA ASICS for single photon counting

Wednesday, November 13, 2013 3:00 PM (20 minutes)

Presenter: Dr DE LA TAILLE, christophe (OMEGA-LAL Orsay)

Contribution ID: 51

Type: **not specified**

R&D for large-area micro plate photodetectors

Wednesday, November 13, 2013 3:50 PM (20 minutes)

Presenter: Dr WAGNER, Robert (Argonne National Laboratory)

Contribution ID: 52

Type: **not specified**

Solid state photon detectors

Wednesday, November 13, 2013 4:15 PM (20 minutes)

Presenter: COLLAZOUL, G

Contribution ID: 53

Type: **not specified**

Aerogel radiators for RICH detectors

Wednesday, November 13, 2013 3:25 PM (20 minutes)

Presenter: Mr BARNYAKOV, Mikhail (Budker Institute of Nuclear Physics)

Contribution ID: 54

Type: **not specified**

Summary

Wednesday, November 13, 2013 4:40 PM (35 minutes)

Presenter: Dr AVAGYAN, Harut (Jefferson Lab)

Contribution ID: 55

Type: **not specified**

Social Dinner