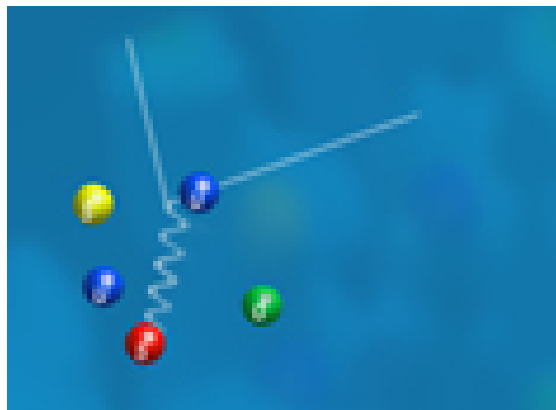


# International Workshop on Probing Strangeness in Hard Processes - PSHP2010



## Report of Contributions

Contribution ID: 17

Type: **not specified**

## Welcome

*Monday, 18 October 2010 09:30 (10 minutes)*

**Presenter:** Prof. CALVETTI, Mario (LNF)

**Session Classification:** OPENING

Contribution ID: **18**

Type: **not specified**

## **Introduction to the Workshop**

*Monday, 18 October 2010 09:40 (5 minutes)*

**Presenter:** Dr ROSSI, Patrizia (LNF - INFN)

**Session Classification:** OPENING

Contribution ID: 19

Type: **not specified**

## **CLAS12 baseline equipment and status of the project**

*Monday, 18 October 2010 10:10 (20 minutes)*

**Presenter:** ELOUADRHIRI, Latifa (JLAB)

**Session Classification:** Hadronic Physics Perspectives

Contribution ID: 20

Type: **not specified**

## **CLAS12 and its physics program at the JLAB 12 GeV upgrade**

*Monday, 18 October 2010 10:35 (30 minutes)*

**Presenter:** Dr BURKERT, Volker (Jefferson Lab)

**Session Classification:** Hadronic Physics Perspectives

Contribution ID: **21**

Type: **not specified**

## **Coffee break**

Contribution ID: 22

Type: **not specified**

## Coffee break

Contribution ID: 23

Type: **not specified**

## **Measurement of strangeness in SIDIS**

*Monday, 18 October 2010 11:30 (30 minutes)*

**Presenter:** Dr KUNNE, Fabienne (CEA saclay)

**Session Classification:** Partonic Distribution & Fragmentation Functions (1)



Contribution ID: 24

Type: **not specified**

## **Overview about extractions of fragmentation functions**

*Monday, 18 October 2010 12:05 (30 minutes)*

**Presenter:** Mrs CHRISTOVA, Ekaterina (Institute for Nuclear Research and Nuclear Energy of Bulgarian Academy of Sciences, INRNE - BAS)

**Session Classification:** Partonic Distribution & Fragmentation Functions (1)

Contribution ID: 25

Type: **not specified**

## **Fragmentation functions at e+e- machines**

*Monday, 18 October 2010 12:40 (20 minutes)*

**Presenter:** GARZIA, Isabella (INFN Ferrara)

**Session Classification:** Partonic Distribution & Fragmentation Functions (1)

Contribution ID: 27

Type: **not specified**

## **Strangeness in unpolarized and polarized global (NN) PDF analysis and the impact of future JLAB data**

*Monday, 18 October 2010 14:30 (30 minutes)*

**Presenter:** ROJO CHACON, Juan (MI)

**Session Classification:** Partonic Distribution & Fragmentation Functions (2)

Contribution ID: 28

Type: **not specified**

## **Kaon fragmentation function from the NJL-jet model**

*Monday, 18 October 2010 15:05 (20 minutes)*

**Presenter:** Dr MATEVOSYAN, Hrayr (CSSM, University of Adelaide, Australia)

**Session Classification:** Partonic Distribution & Fragmentation Functions (2)

Contribution ID: 29

Type: **not specified**

## **Measurements of the TMD effects at COMPASS, HERMES and RHIC**

*Monday, 18 October 2010 15:55 (30 minutes)*

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

**Session Classification:** Partonic Distribution & Fragmentation Functions (2)

Contribution ID: 30

Type: **not specified**

## **Transverse momentum dependent parton distributions: a short theory overview**

*Monday, 18 October 2010 15:30 (20 minutes)*

**Presenter:** MURGIA, Francesco (CA)

**Session Classification:** Partonic Distribution & Fragmentation Functions (2)

Contribution ID: 31

Type: **not specified**

## **Measurements of the TMD effects at COMPASS, HERMES and RHIC**

**Primary author:** MARTIN, Anna (TS)

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

Contribution ID: 32

Type: **not specified**

## **Kaon SIDIS experiments in Hall A at Jefferson Lab**

*Monday, 18 October 2010 17:15 (15 minutes)*

**Presenter:** CISBANI, Evaristo (ISS)

**Session Classification:** TMDs Experiments and Phenomenology



Contribution ID: 33

Type: **not specified**

## TMD parametrizations

*Monday, 18 October 2010 16:50 (20 minutes)*

**Presenter:** MELIS, Stefano (TO)

**Session Classification:** TMDs Experiments and Phenomenology

Contribution ID: 34

Type: **not specified**

## **Kaon azimuthal cosine modulations in SIDIS unpolarized cross section**

*Tuesday, 19 October 2010 09:00 (20 minutes)*

**Presenter:** Dr GIORDANO, Francesca (DESY, Hamburg)

**Session Classification:** Spin and Azimuthal Asymmetries in SIDIS

Contribution ID: 35

Type: **not specified**

## **Kaon electroproduction with CLAS and CLAS12**

*Tuesday, 19 October 2010 09:25 (20 minutes)*

**Presenter:** OSIPENKO, Mikhail (GE)

**Session Classification:** Spin and Azimuthal Asymmetries in SIDIS

Contribution ID: 36

Type: **not specified**

## **Studies of partonic distributions using semi-inclusive production of kaons with CLAS12**

*Tuesday, 19 October 2010 09:50 (20 minutes)*

**Presenter:** Dr HAFIDI, Kawtar Hafidi (Argonne National Laboratory)

**Session Classification:** Spin and Azimuthal Asymmetries in SIDIS

Contribution ID: 37

Type: **not specified**

## **Transverse target moments of SIDIS two-hadron production**

*Tuesday, 19 October 2010 10:15 (20 minutes)*

**Presenter:** GLISKE, Stephen (U of Michigan, HERMES)

**Session Classification:** Spin and Azimuthal Asymmetries in SIDIS

Contribution ID: 38

Type: **not specified**

## **Flavor decomposition of Dihadron Fragmentation Function and its relevance for Transversity**

*Tuesday, 19 October 2010 11:00 (20 minutes)*

**Presenter:** COURTOY, Aurore (PV)

**Session Classification:** Flavor Decomposition and Hadronization

Contribution ID: 39

Type: **not specified**

## Quark hadronization in the nuclear medium

*Tuesday, 19 October 2010 11:25 (30 minutes)*

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

**Session Classification:** Flavor Decomposition and Hadronization

Contribution ID: 40

Type: **not specified**

## **Hadronization in cold nuclear matter**

*Tuesday, 19 October 2010 12:00 (20 minutes)*

**Presenter:** Dr GALLMEIOSTER, Kai (Inst. f. Theor. Physik, Univ. Giessen)

**Session Classification:** Flavor Decomposition and Hadronization



Contribution ID: 41

Type: **not specified**

## **Measurements of hard exclusive meson production at HERMESS, COMPASS and JLAB**

*Tuesday, 19 October 2010 14:00 (20 minutes)*

**Presenter:** Dr ROSTOMYAN, Ami (DESY)

**Session Classification:** Exclusive Processes and Target Fragmentation

Contribution ID: 42

Type: **not specified**

## Hard electroproduction of strangeness

*Tuesday, 19 October 2010 14:25 (20 minutes)*

**Presenter:** Prof. KROLL, Peter (Universitaet Wuppertal)

**Session Classification:** Exclusive Processes and Target Fragmentation

Contribution ID: 43

Type: **not specified**

## **Sum rules and dualities between mechanisms of T-odd effects**

*Tuesday, 19 October 2010 15:15 (20 minutes)*

**Presenter:** Prof. TERYAEV, Oleg (JINR)

**Session Classification:** Exclusive Processes and Target Fragmentation

Contribution ID: 44

Type: **not specified**

## **Introduction to fracture functions**

*Tuesday, 19 October 2010 14:50 (20 minutes)*

**Presenter:** TRENTADUE, Luca (PR)

**Session Classification:** Exclusive Processes and Target Fragmentation

Contribution ID: 45

Type: **not specified**

## **(Anti)Lambda polarization in SIDIS**

*Tuesday, 19 October 2010 16:00 (20 minutes)*

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

**Session Classification:** Lambda Production in SIDIS and pp Scattering

Contribution ID: 46

Type: **not specified**

## **Lambda polarization measurements in SIDIS**

*Tuesday, 19 October 2010 16:25 (20 minutes)*

**Presenter:** MIRAZITA, Marco (LNF)

**Session Classification:** Lambda Production in SIDIS and pp Scattering

Contribution ID: 47

Type: **not specified**

## **Light hadron production studies in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the LHCb detector**

*Tuesday, 19 October 2010 16:50 (20 minutes)*

**Presenter:** Dr AMHIS, Yasmine (Ecole Polytechnique Fédérale de Lausanne (EPFL))

**Session Classification:** Lambda Production in SIDIS and pp Scattering

Contribution ID: 48

Type: **not specified**

## **Lambda polarization in deeply virtual semi-inclusive and exclusive reactions**

*Tuesday, 19 October 2010 17:15 (20 minutes)*

**Presenter:** Dr LIUTI, Simonetta (University of Virginia)

**Session Classification:** Lambda Production in SIDIS and pp Scattering



Contribution ID: 49

Type: **not specified**

## **CLAS12 Particle Identification**

**Presenter:** Dr STEPANYAN, Stepan (Jefferson Lab)

Contribution ID: 50

Type: **not specified**

## Particle Identification Detectors

*Wednesday, 20 October 2010 09:00 (30 minutes)*

**Presenter:** Prof. KRIZAN, Peter (Ljubljana Univ. and J. Stefan Institute)

**Session Classification:** Particle Identification & RICH (1)

Contribution ID: 51

Type: **not specified**

## **Particle Identification at Belle II & Development of New Photodetectors**

*Wednesday, 20 October 2010 09:40 (30 minutes)*

**Presenter:** Prof. IJIMA, Toru (Nagoya University)

**Session Classification:** Particle Identification & RICH (1)

Contribution ID: 52

Type: **not specified**

## **TORCH: a novel detector combining TOF and RICH**

*Wednesday, 20 October 2010 10:20 (20 minutes)*

**Presenter:** FORTY, Roger (CERN)

**Session Classification:** Particle Identification & RICH (1)

Contribution ID: 53

Type: **not specified**

## **DIRC Counters for the PANDA experiments**

*Wednesday, 20 October 2010 11:10 (20 minutes)*

**Presenter:** Dr HOEK, Matthias (University of Glasgow)

**Session Classification:** Particle Identification & RICH (2)

Contribution ID: 54

Type: **not specified**

## **Development of a RICH detector for CBM**

*Wednesday, 20 October 2010 11:40 (20 minutes)*

**Presenter:** Dr PAULY, Christian (Wuppertal university)

**Session Classification:** Particle Identification & RICH (2)

Contribution ID: 55

Type: **not specified**

## The LHCb RICH detector

*Wednesday, 20 October 2010 12:10 (20 minutes)*

**Presenter:** Dr MATTEUZZI, Clara (Sezione di Milano-Bicocca - INFN)

**Session Classification:** Particle Identification & RICH (2)

Contribution ID: 57

Type: **not specified**

## The COMPASS RICH-1 Detector

*Wednesday, 20 October 2010 14:00 (20 minutes)*

**Presenter:** TESSAROTTO, Fulvio (TS)

**Session Classification:** Particle Identification & RICH (3)



Contribution ID: 58

Type: **not specified**

## The HERMES RICH detector

*Wednesday, 20 October 2010 14:30 (20 minutes)*

**Presenter:** DE LEO, Raffaele (BA)

**Session Classification:** Particle Identification & RICH (3)

Contribution ID: 59

Type: **not specified**

## **Status and perspectives of aerogel produced in Novosibirsk**

**Presenter:** Dr DANILYUK, Alexander (Boreskov Institute of Catalysis)

Contribution ID: **60**

Type: **not specified**

## **CLAS12 Particle Identification**

*Wednesday, 20 October 2010 15:00 (20 minutes)*

**Presenter:** Dr STEPANYAN, Stepan (Jefferson Lab)

**Session Classification:** Particle Identification & RICH (3)

Contribution ID: **61**

Type: **not specified**

## **A RICH detector for CLAS12**

*Wednesday, 20 October 2010 15:30 (20 minutes)*

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

**Session Classification:** Particle Identification & RICH (3)

Contribution ID: **62**

Type: **not specified**

## **Hadron spectroscopy with CLAS and CLAS12**

*Thursday, 21 October 2010 09:00 (30 minutes)*

**Presenter:** BATTAGLIERI, Marco (GE)

**Session Classification:** Spectroscopy

Contribution ID: 63

Type: **not specified**

## **Strangeness photoproduction**

**Presenter:** Prof. AMARYAN, Moskov (Old Dominion University)

Contribution ID: **64**

Type: **not specified**

## **Production of the strangest baryon with CLAS12**

*Thursday, 21 October 2010 09:35 (20 minutes)*

**Presenter:** Prof. STRAKOVSKY, Igor (The George Washington University)

**Session Classification:** Spectroscopy

Contribution ID: 65

Type: **not specified**

## **Implications of a RICH detector for the CLAS12 Cascade Physics Program**

*Thursday, 21 October 2010 10:00 (20 minutes)*

**Presenter:** Dr PRICE, John (California State University, Dominguez Hills)

**Session Classification:** Spectroscopy



Contribution ID: 66

Type: **not specified**

## **Phi-meson photoproduction on deuteron and future studies using heavier nuclear targets**

**Presenter:** Prof. GAO, Haiyan (Duke University)

Contribution ID: 67

Type: **not specified**

## Summary talk - theory

*Thursday, 21 October 2010 11:25 (30 minutes)*

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

**Session Classification:** Summary and Closing Sessions

Contribution ID: **68**

Type: **not specified**

## Summary talk - experiments

*Thursday, 21 October 2010 10:55 (30 minutes)*

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

**Session Classification:** Summary and Closing Sessions

Contribution ID: 70

Type: **not specified**

# **Nuclear and Hadronic Physics Perspectives within INFN**

*Monday, 18 October 2010 09:45 (20 minutes)*

**Presenter:** Prof. BRACCO, Angela (Universita' degli Studi di Milano - INFN)

**Session Classification:** Hadronic Physics Perspectives

Contribution ID: 72

Type: **not specified**

## **Semi-Inclusive Deep Inelastic Scattering and Kaons from CLAS6**

*Monday, 18 October 2010 17:35 (15 minutes)*

**Presenter:** Prof. GRIFFIOEN, Keith (College of William & Mary)

**Session Classification:** TMDs Experiments and Phenomenology

Contribution ID: 73

Type: **not specified**

**prova**

Contribution ID: 74

Type: **not specified**

**prova**

Contribution ID: 75

Type: **not specified**

# Welcome



Contribution ID: 76

Type: **not specified**

## **Introduction to the Workshop**

Contribution ID: 77

Type: **not specified**

**prova**

Contribution ID: 78

Type: **not specified**

**prova**

Contribution ID: 79

Type: **not specified**

**prova 2**