Session Program

Dec 9 – 13, 2024

Science at the Luminosity Frontier: Jefferson Lab at 22 GeV

Hadronization and Transverse Momentum

INFN, Laboratori Nazionali di Frascati, Auditorium B. Touschek
Via Enrico Fermi 54 00044 Frascati (Rome)

Tue, December 10

9:50 AM

Hadronization and Transverse Momentum

Session |
Location: INFN, Laboratori Nazionali di Frascati, Auditorium B. Touschek, Via Enrico Fermi 54 00044 Frascati (Rome)
Convener: Nobuo Sato

9:50 – 10:05 AM **The role of multi-D approach in TMD studies: COMPASS experience**

Speaker
Bakur Parsamyan

10:10 – 10:25 AM **Vector mesons**

Speaker
Harutyun Avagyan

10:30 AM

11:00 AM

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11:00 – 11:15 AM **SIDIS MC including polarization effects**

Speaker
Christopher Dilks

11:20 – 11:35 AM **Polarized collisions at LHC**

Speaker
Pasquale Di Nezza

11:40 – 11:55 AM
Isolated meson electroproduction at high transverse momentum with 22 GeV electrons

Speaker
Carl Carlson

12:00 – 12:15 PM **Hadron mass corrections**

Speaker
Alberto Accardi

12:20 – 12:35 PM
Tree level matching relations for next-to-leading power transverse momentum dependent distributions with mass corrections

Speaker
Alessio Carmelo Alvaro

1:30 PM

2:30 PM

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2:30 – 2:45 PM **Exploring SIDIS kinematics regions at Jefferson Lab 22 GeV**

Speaker
Prof. Mariaelena Boglione

2:50 – 3:00 PM **Towards Pixel-Based Imaging of Transverse Momentum Distributions**

Speaker
Marco Zaccheddu

3:03 – 3:13 PM
Unveiling the Collins-Soper kernel in inclusive DIS at threshold and implications at Jlab 22

Speaker
Andrea Simonelli

3:16 – 3:26 PM **Back-to-back SIDIS**

Speaker
Timothy Hayward

3:29 – 3:39 PM **Kaon SIDIS**

Speaker
Simone Vallarino

3:42 – 3:57 PM **MAPTMD24: First Global Flavor Dependent TMD extractions**

Speaker
Lorenzo Rossi

4:02 – 4:12 PM
Probing the Transverse Momentum of Longitudinally Polarized Quarks

Speaker
Dr Matteo Cerutti

4:15 PM

4:40 PM

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4:40 – 4:50 PM **Accessing gluon polarization with high-P_T hadrons in SIDIS**

Speaker
Yiyu Zhou

4:53 – 5:03 PM **Affinity tool. Comparison between JLab12 and JLab22**

Speaker
Tetiana Yushkevych

5:30 PM