

# **The 12th Workshop on Hadron Physics and Opportunities Worldwide**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Welcome

*Monday, 5 August 2024 08:30 (10 minutes)*

Contribution ID: 3

Type: **not specified**

## Registration

*Sunday, 4 August 2024 13:00 (7 hours)*

Contribution ID: 4

Type: **not specified**

## **Highlight of Hadron Physics at BESIII**

*Monday, 5 August 2024 08:40 (30 minutes)*

**Presenter:** LIU, Beijiang (Institute of High Energy Physics)

Contribution ID: 5

Type: **not specified**

## Super Tau-Charm Facility

*Monday, 5 August 2024 09:10 (30 minutes)*

**Presenter:** ZHAO, Zhengguo (University of Science and Technology of China)

Contribution ID: 6

Type: **not specified**

## HIAF Overview

*Monday, 5 August 2024 09:40 (30 minutes)*

**Presenter:** ZHAO, He (Institute of Modern Physics)

Contribution ID: 7

Type: **not specified**

## **EicC Overview**

*Monday, 5 August 2024 11:20 (30 minutes)*

**Presenter:** ZHAO, Yuxiang (Institute of Modern Physics)

Contribution ID: 8

Type: **not specified**

## Progress from NNPDF

*Monday, 5 August 2024 14:00 (30 minutes)*

**Presenter:** NOCERA, Emanuel (University of Torino)

Contribution ID: **10**

Type: **not specified**

## **Global Fit on PDFs**

*Monday, 5 August 2024 14:30 (30 minutes)*

**Presenter:** HOU, Tie-Jiun (University of South China)

Contribution ID: 11

Type: **not specified**

## SeaQuest and SpinQuest

*Wednesday, 7 August 2024 08:30 (30 minutes)*

**Presenter:** LIU, Kun (Los Alamos National Laboratory)

Contribution ID: 12

Type: **not specified**

## **RHIC-Spin**

*Monday, 5 August 2024 15:00 (30 minutes)*

**Presenter:** XU, Qinghua (Shandong University)

Contribution ID: 13

Type: **not specified**

## JLab Spin Experiments

*Wednesday, 7 August 2024 09:00 (30 minutes)*

**Presenter:** ALEXANDRE , Deur (Jefferson Lab)

Contribution ID: 14

Type: **not specified**

## Polarized He3 Target

*Monday, 5 August 2024 16:20 (30 minutes)*

**Presenter:** LI, Xiaqing (Shandong University)

Contribution ID: 15

Type: **not specified**

## Theory Talk on Hadron Spectroscopy

*Tuesday, 6 August 2024 08:30 (30 minutes)*

**Presenter:** ZHAO, Qiang (Institute of High Energy Physics)

Contribution ID: 16

Type: **not specified**

## Light Meson Decay

*Tuesday, 6 August 2024 09:00 (30 minutes)*

**Presenter:** FANG, Shuangshi (Institute of High Energy Physics)

Contribution ID: 17

Type: **not specified**

## Pseudoscalar Meson

*Tuesday, 6 August 2024 09:30 (30 minutes)*

**Presenter:** GAN, Liping (University of North Carolina Wilmington)

Contribution ID: **18**

Type: **not specified**

## **Eta Program at HIAF**

*Tuesday, 6 August 2024 10:20 (30 minutes)*

**Presenter:** QIU, Hao (Institute of Modern Physics)

Contribution ID: 19

Type: **not specified**

## **LLM-based Physics Analysis Agent @ BESIII and Exploration of Future AI Scientist**

*Thursday, 8 August 2024 15:50 (30 minutes)*

**Presenter:** LI, Ke (Institute of High Energy Physics)

Contribution ID: **20**

Type: **not specified**

## **SoLID Overview**

*Monday, 5 August 2024 10:50 (30 minutes)*

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

Contribution ID: 21

Type: **not specified**

## **SoLID GPD Program**

*Tuesday, 6 August 2024 14:00 (30 minutes)*

**Presenter:** ZHAO, Zhiwen (Duke University)

Contribution ID: 22

Type: **not specified**

## **JLab DVCS Experiments**

*Tuesday, 6 August 2024 14:30 (30 minutes)*

**Presenter:** ZHANG, Yaopeng (Tsinghua University)

Contribution ID: 23

Type: **not specified**

## Hall B Program

**Presenter:** JOO, Kyungseon (University of Connecticut)

Contribution ID: 24

Type: **not specified**

## COMPASS Results on Exclusive Measurements

*Tuesday, 6 August 2024 15:20 (30 minutes)*

**Presenter:** LIN, Po-Ju (National Central University)

Contribution ID: 25

Type: **not specified**

## **Nuclear Effect at EIC**

*Tuesday, 6 August 2024 15:50 (30 minutes)*

**Presenter:** XING, Hongxi (South China Normal University)

Contribution ID: 27

Type: **not specified**

## TMD physics at EicC

*Wednesday, 7 August 2024 09:30 (30 minutes)*

**Presenter:** LIU, Tianbo (Shandong University)

Contribution ID: 28

Type: **not specified**

# Measurements of Differential Cross Sections of Pion-induced Drell-Yan Process by COMPASS

*Wednesday, 7 August 2024 10:20 (30 minutes)*

**Presenter:** HSIEH, Chia-Yu (Institute of Physics, Academic Sinica)

Contribution ID: 29

Type: **not specified**

## Deuteron Tensor Structure

*Monday, 5 August 2024 15:50 (30 minutes)*

**Presenter:** SANTIESTEBAN, Nathaly (University of New Hampshire)

Contribution ID: 30

Type: **not specified**

## **A New Framework on Global Analysis of Fragmentation Functions**

*Wednesday, 7 August 2024 10:50 (30 minutes)*

**Presenter:** LIU, ChongYang (Shanghai Jiao Tong University)

Contribution ID: **31**

Type: **not specified**

## **HIGS Compton Program**

*Thursday, 8 August 2024 09:00 (30 minutes)*

**Presenter:** LI, Xiaqing (Shandong University)

Contribution ID: 32

Type: **not specified**

## **Generalized Polarizabilities from VCS Experiments**

*Thursday, 8 August 2024 08:30 (30 minutes)*

**Presenter:** SPARVERIS, Nikos (Temple University)

Contribution ID: 33

Type: **not specified**

## Lattice QCD

*Thursday, 8 August 2024 09:30 (30 minutes)*

**Presenter:** FENG, Xu (Peking University)

Contribution ID: 34

Type: **not specified**

## Quark and hadron mass from CLQCD ensembles

*Thursday, 8 August 2024 10:20 (30 minutes)*

**Presenter:** YANG, Yibo (Institute of Theoretical Physics)

Contribution ID: 35

Type: **not specified**

## **Proton charge radius and recent experimental status**

*Thursday, 8 August 2024 10:50 (30 minutes)*

**Presenter:** XIONG, Weizhi (Shandong University)

Contribution ID: 36

Type: **not specified**

## **Pion Photoproduction and Resonance Structure**

*Thursday, 8 August 2024 11:20 (30 minutes)*

**Presenter:** LIU, Zhan-Wei (Lanzhou University)

Contribution ID: 37

Type: **not specified**

## Hypernuclear Experiments at JLab

*Thursday, 8 August 2024 14:00 (30 minutes)*

**Presenter:** TANG, Liguang (Hampton University)

Contribution ID: **38**

Type: **not specified**

## **Hypernuclear Spectrometer at HIAF**

*Thursday, 8 August 2024 14:30 (30 minutes)*

**Presenter:** GUO, Aiqiang (Institute of Modern Physics)

Contribution ID: 39

Type: **not specified**

## **Status of Electro/Photon Beam Facility at SHINE for Hadron Physics**

*Thursday, 8 August 2024 15:00 (30 minutes)*

**Presenter:** XU, Hanghua (Shanghai Advanced Research Institute)

Contribution ID: 41

Type: **not specified**

## **SRC at HIAF**

*Tuesday, 6 August 2024 10:50 (30 minutes)*

**Presenter:** YE, Zhihong (Tsinghua University)

Contribution ID: 42

Type: **not specified**

## **Probing nuclear structure at the Ultra-Relativistic Heavy-Ion Collisions**

*Thursday, 8 August 2024 16:20 (30 minutes)*

**Presenter:** LU, Zhiyong (China Institute of Atomic Energy)

Contribution ID: 43

Type: **not specified**

## Recent Progress in Strong QCD

*Friday, 9 August 2024 08:30 (30 minutes)*

**Presenter:** ROBERTS, Craig (Nanjing University)

Contribution ID: 44

Type: **not specified**

## Gauge Sector Dynamics in QCD

*Friday, 9 August 2024 09:00 (30 minutes)*

**Presenter:** FERREIRA, Mauricio (Nanjing University)

Contribution ID: 45

Type: **not specified**

## **Photon-photon fusion into three-meson final states**

*Tuesday, 6 August 2024 11:20 (30 minutes)*

**Presenter:** REN, Xiu-lei (Helmholtz Institute Mainz)

Contribution ID: 48

Type: **not specified**

## Close Out

*Friday, 9 August 2024 09:30 (30 minutes)*

**Presenter:** ZHAO, Yuxiang (Institute of Modern Physics)

Contribution ID: 49

Type: **not specified**

## **Gravitational form factors of a strongly-coupled scalar theory**

*Wednesday, 7 August 2024 11:20 (30 minutes)*

**Presenter:** LI, Yang (University of Science and Technology of China)