

West Lake Workshop on Nuclear Physics 2024

Report of Contributions

Contribution ID: 1

Type: **not specified**

Charge-dependent directed flow measurements from RHIC

Friday 18 October 2024 08:45 (45 minutes)

Presenter: SINGHA, Subhash (Institute of Modern Physics Chinese Academy of Sciences)

Contribution ID: 2

Type: **not specified**

Electric Conductivity of QCD Matter in high-energy heavy-ion Collisions

Friday 18 October 2024 09:30 (45 minutes)

Presenter: NONAKA, Chiho

Contribution ID: 3

Type: **not specified**

Polarization measurements in heavy-ion collisions

Friday 18 October 2024 10:45 (45 minutes)

Presenter: NIIDA, Takafumi

Contribution ID: 4

Type: **not specified**

Weak magnetic effect in quark-gluon plasma

Friday 18 October 2024 11:30 (45 minutes)

Presenter: YAN, Li (Fudan University)

Contribution ID: 5

Type: **not specified**

Spin hydrodynamics and causality problem

Friday 18 October 2024 14:00 (45 minutes)

Presenter: PU, Shi

Contribution ID: 6

Type: **not specified**

Hydrodynamic approach to spin relaxation in quark-gluon plasma

Friday 18 October 2024 14:45 (45 minutes)

Presenter: HONGO, Masaru (Niigata University)

Contribution ID: 7

Type: **not specified**

Study of 3+1D Spacetime Evolution of Glasma in Relativistic Heavy-Ion Collisions

Friday 18 October 2024 16:45 (45 minutes)

Presenter: MATSUDA, Hidefumi

Contribution ID: 8

Type: **not specified**

Opening remarks

Friday 18 October 2024 08:30 (15 minutes)

Contribution ID: 9

Type: **not specified**

Quantum control of nuclei using novel x-ray sources

Saturday 19 October 2024 08:30 (45 minutes)

Presenter: KONG, Xiangjin (Fudan University)

Contribution ID: **10**

Type: **not specified**

Energy correlator measurements in CMS

Saturday 19 October 2024 09:15 (45 minutes)

Presenter: XIAO, Meng (ZJU - Zhejiang University (CN))

Contribution ID: 11

Type: **not specified**

Strong-field induced reaction in UPC

Saturday 19 October 2024 10:30 (45 minutes)

Presenter: ZHAO, Jie (Fudan University)

Contribution ID: 12

Type: **not specified**

Opportunities of strong-field physics in intermediate-energy heavy-ion collisions

Saturday 19 October 2024 11:15 (45 minutes)

Presenter: TAYA, Hidetoshi

Contribution ID: 13

Type: **not specified**

Chiral magnetohydrodynamics in the early Universe cosmology

Saturday 19 October 2024 14:00 (45 minutes)

Presenter: KAMADA, Kohei (Research Center for the Early Universe, University of Tokyo)

Contribution ID: 14

Type: **not specified**

Chiral transport phenomena in core collapse supernovae

Saturday 19 October 2024 14:45 (45 minutes)

Presenter: YANG, Di-Lun (Institute of Physics, Academia Sinica)

Contribution ID: 15

Type: **not specified**

Hamiltonian lattice gauge theory: application to nonequilibrium and dense QCD matter

Saturday 19 October 2024 16:00 (45 minutes)

Presenter: HIDAKA, Yoshimasa (YITP, Kyoto University)

Contribution ID: 16

Type: **not specified**

Holographic study of deconfinement phase transition and heavy quarkonium under rotation

Saturday 19 October 2024 16:45 (30 minutes)

Presenter: CHEN, Jun-Xia

Contribution ID: 17

Type: **not specified**

Imaging nuclei structure of atomic nuclei in high-energy nuclear collisions

Sunday 20 October 2024 08:30 (45 minutes)

Presenter: ZHANG, Chunjian (Fudan University)

Contribution ID: **18**

Type: **not specified**

Clustering structure of light nuclei

Sunday 20 October 2024 09:15 (45 minutes)

Presenter: ZHOU, Bo (Fudan University)

Contribution ID: **19**

Type: **not specified**

Sign-inversion of magnetovortical charge from gauge invariant thermodynamics

Sunday 20 October 2024 10:30 (45 minutes)

Presenter: MAMEDA, Kazuya

Contribution ID: 20

Type: **not specified**

Interplay between rotation and electromagnetic fields

Sunday 20 October 2024 11:15 (45 minutes)

Presenter: CAO, Gaoqing (Sun Yat-sen University)

Contribution ID: 21

Type: **not specified**

Quantum real time evolution for emergency of collectivity in the Schwinger model

Sunday 20 October 2024 12:00 (45 minutes)

Presenter: SHI, Shuzhe (Tsinghua University)

Contribution ID: **22**

Type: **not specified**

Closing remarks

Sunday 20 October 2024 12:45 (15 minutes)

Contribution ID: 23

Type: **not specified**

Radiative corrections to spin polarization in off-equilibrium medium

Friday 18 October 2024 16:00 (45 minutes)

Presenter: LIN, Shu