

Equation of State of Dense Nuclear Matter at RIBF and FRIB

Report of Contributions

Contribution ID: 1

Type: **not specified**

Nuclear equation of state from experiments and astrophysical observations

Tuesday, 23 May 2023 09:30 (30 minutes)

zoom

Presenter: KUMAR, Rohit (FRIB)

Contribution ID: 2

Type: **not specified**

Constraints from the S π RIT experiment and their implications on nuclear matter equation of state

Tuesday, 23 May 2023 10:00 (30 minutes)

zoom

Presenter: TSANG, Tommy (MSU)

Contribution ID: 3

Type: **not specified**

Side splash in Ar+KCl collisions at 1.8 GeV/nuc from reaction-plane deblurring

Tuesday, 23 May 2023 10:30 (30 minutes)

in person

Presenter: DANIELEWICZ, Pawel (MSU)

Contribution ID: 4

Type: **not specified**

Constraining the Equation of State via heavy ion collisions at the Radioactive Isotope Beam Factory

Tuesday, 23 May 2023 13:30 (1h 30m)

Nuclear physics seminar in person

Presenter: LYNCH, William (MSU)

Contribution ID: 5

Type: **not specified**

Collision terms with energy conservation in AMD and sJAM

Tuesday, 23 May 2023 15:50 (30 minutes)

in person

Presenter: ONO, Akira (Tohoku University)

Contribution ID: 6

Type: **not specified**

Effect of in-medium cross-section on particle production in low energy nuclear collisions

in person

Presenter: TAM, Chi-Kin (West Michigan University)

Contribution ID: 7

Type: **not specified**

Constraining Neutron-Star Matter —Combination of heavy-ion experiments and multi-messenger astronomy

Tuesday, 23 May 2023 16:20 (30 minutes)

zoom

Presenter: LEFEVRE, Arnaud (GSI)

Contribution ID: 8

Type: **not specified**

Effect of the momentum dependence of the neutron and proton potentials on pion production in heavy-ion collisions

Wednesday, 24 May 2023 09:40 (20 minutes)

Presenter: IKENO, Natsumi (Tottori Univ/Texas A&M Univ)

Contribution ID: 9

Type: **not specified**

Bayesian analysis for constraining neutron-proton effective mass splitting

Wednesday, 24 May 2023 10:00 (30 minutes)

zoom

Presenter: TEH, Chi-En (MSU)

Contribution ID: **10**

Type: **not specified**

Directed and elliptic flow observations in Sn+Sn collisions with radioactive beams at 270 MeV/u

Wednesday, 24 May 2023 10:30 (30 minutes)

in person

Presenter: NISHIMURA, Mizuki

Contribution ID: **11**

Type: **not specified**

Astrophysical and Laboratory Studies of the Equation of State in Neutron Stars

Wednesday, 24 May 2023 11:00 (30 minutes)

in person

Presenter: LI, Ang (Xiamen University)

Contribution ID: 12

Type: **not specified**

Probing QCD phase structure and nuclear EOS in the RHIC Beam Energy Scan

Tuesday, 23 May 2023 15:20 (30 minutes)

in person

Presenter: NIIDA, Takafumi (Tsukuba University)

Contribution ID: 13

Type: **not specified**

Elliptic flow in heavy-ion collisions at intermediate energy and the role of impact parameter, mean-field potential and collision term

Wednesday, 24 May 2023 13:30 (30 minutes)

zoom

Presenter: WANG, Yongjia (Huzhou University)

Contribution ID: 14

Type: **not specified**

Neutron detection simulations in low energy nuclear physics

Wednesday, 24 May 2023 14:00 (30 minutes)

in person

Presenter: PARK, Jeonghyeok (Korea University)

Contribution ID: 15

Type: **not specified**

Summary of TPC2023 Workshop at Texas A&M

Wednesday, 24 May 2023 14:30 (30 minutes)

in person

Presenter: HUNT, Curtis (MSU)

Contribution ID: **16**

Type: **not specified**

Pion production in heavy-ion collisions near threshold energy

Wednesday, 24 May 2023 15:20 (30 minutes)

Presenter: FENG, Zhaoqing (South China University of Technology)

Contribution ID: 17

Type: **not specified**

Pion production and the symmetry energy

Wednesday, 24 May 2023 15:50 (30 minutes)

zoom

Presenter: COZMA, Dan (IFIN-HH)

Contribution ID: **18**

Type: **not specified**

ASY-EOS II: plans for constraining symmetry energy at GSI from neutron/proton flow excitation function

Wednesday, 24 May 2023 16:20 (30 minutes)

Presenter: RUSSOTTO, Paolo (INFN)

Contribution ID: **19**

Type: **not specified**

Status of SAMURAI

Thursday, 25 May 2023 14:00 (30 minutes)

Presenter: OTSU, Hideaki (RIKEN)

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 20

Type: **not specified**

result of isoscaling, SPiRIT software and tracking

Thursday, 25 May 2023 14:30 (30 minutes)

Presenter: LEE, Jung Woo

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 21

Type: **not specified**

Optimization of SAMURAI magnetic field

Thursday, 25 May 2023 15:00 (30 minutes)

Presenter: LOKOTKO, Taras

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 22

Type: **not specified**

Development of RP counter

Friday, 26 May 2023 13:00 (1 hour)

Presenter: XIAO, Zhigang

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 23

Type: **not specified**

Effect of in-medium cross section on particle production in low energy nuclear collisions

Wednesday, 24 May 2023 13:00 (30 minutes)

Presenter: TAM, Chi-Kin

Contribution ID: 24

Type: **not specified**

DAQ

Friday, 26 May 2023 09:30 (1 hour)

Presenter: ISOBE, Tadaaki (RIKEN)

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 25

Type: **not specified**

SAMURAI weekly meeting

Friday, 26 May 2023 10:30 (1 hour)

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 26

Type: **not specified**

Gating Grid

Friday, 26 May 2023 14:00 (1 hour)

Presenter: TANGWANCHAROEN, Suwat

Session Classification: SPiRIT Collaboration meeting

Contribution ID: 27

Type: **not specified**

Discussion of to do list

Friday, 26 May 2023 15:15 (45 minutes)

Session Classification: SPiRIT Collaboration meeting