

The Workshop on Physics of Hypernuclei and Hyperon-Nucleon (YN) interactions

Report of Contributions

Contribution ID : 24

Type : **not specified**

Adventure in Dirac Sea

Tuesday, 19 December 2023 08:30 (35)

Presenter(s) : JIE MENG (PKU)

Session Classification : Session 1

Contribution ID : 25

Type : **not specified**

Structure of Λ hypernuclei and YN interaction

Tuesday, 19 December 2023 09:05 (35)

Zoom

Presenter(s) : EMIKO HIYAMA (TOHOKU UNIVERSITY)

Session Classification : Session 1

Contribution ID : 26

Type : **not specified**

Measurement of light hypernuclei mass and binding energy in heavy-ion collisions

Tuesday, 19 December 2023 09:40 (35)

Presenter(s) : JIN-HUI CHEN (FUDAN UNIVERSITY)

Session Classification : Session 1

Contribution ID : 27

Type : **not specified**

Light hypernuclei from coalescence in nuclear collisions, below threshold to the LHC and system size dependence

Tuesday, 19 December 2023 10:30 (35)

Presenter(s) : JAN STEINHEIMER (FIAS)

Session Classification : Session 2

Contribution ID : **28**

Type : **not specified**

A novel kinetic approach to light (hyper)nuclei production

Tuesday, 19 December 2023 11:05 (35)

Presenter(s) : KAI-JIA SUN (SJTU)

Session Classification : Session 2

Contribution ID : 29

Type : **not specified**

Nuclear cluster and hypernuclear cluster production in heavy-ion collisions

Tuesday, 19 December 2023 11:40 (35)

Presenter(s) : ZHAO-QING FENG (SCUT)

Session Classification : Session 2

Contribution ID : 30

Type : **not specified**

Hypernuclear studies with heavy ion beams, nuclear emulsions and machine learning

Tuesday, 19 December 2023 14:00 (35)

Zoom

Presenter(s) : SAITO TAKE (RIKEN)

Session Classification : Session 3

Contribution ID : 31

Type : **not specified**

Hyperon-nucleon interaction and light hypernuclei in chiral effective field theory

Tuesday, 19 December 2023 14:35 (35)

Zoom

Presenter(s) : JOHANN HAIDENBAUER (JUELICH RESEARCH CENTER)

Session Classification : Session 3

Contribution ID : 32

Type : **not specified**

Hypernuclei Production and Decay Mode Measurements with STAR

Tuesday, 19 December 2023 15:10 (30)

Presenter(s) : YUE-HANG LEUNG (HEIDELBERG UNIVERSITY)

Session Classification : Session 3

Contribution ID : 33

Type : **not specified**

Collective flow of hyernuclei and lightnuclei in heavy-ion collisions

Tuesday, 19 December 2023 15:40 (30)

Presenter(s) : XIONG-HONG HE (IMP)

Session Classification : Session 3

Contribution ID : 34

Type : **not specified**

Light nuclei production in 3 GeV Au+Au collisions at RHIC

Tuesday, 19 December 2023 16:25 (30)

Presenter(s) : HUI LIU (CCNU)

Session Classification : Session 4

Contribution ID : 35

Type : **not specified**

The first results on hyperon-nuclei scattering results at BESIII

Tuesday, 19 December 2023 16:55 (30)

Presenter(s) : HAN MIAO (IHEP)

Session Classification : Session 4

Contribution ID : 36

Type : **not specified**

Measurements of baryon-baryon correlation functions at RHIC-STAR

Tuesday, 19 December 2023 17:25 (30)

Presenter(s) : CHUAN FU (IMP)

Session Classification : Session 4

Contribution ID : 37

Type : **not specified**

Femtoscopia analysis involving light nuclei at STAR

Tuesday, 19 December 2023 17:55 (30)

Presenter(s) : KE MI (CCNU)

Session Classification : Session 4

Contribution ID : **38**

Type : **not specified**

HIAF Facility

Wednesday, 20 December 2023 08:30 (30)

Presenter(s) : HE ZHAO (IMP)

Session Classification : Session 5

Contribution ID : 39

Type : **not specified**

Future measurements of hypernuclei with CBM

Wednesday, 20 December 2023 09:00 (30)

Presenter(s) : NORBERT HERRMANN (HEIDELBERG UNIVERSITY)

Session Classification : Session 5

Contribution ID : **40**

Type : **not specified**

Status of CSR Exteral-target Experiment (CEE)

Wednesday, 20 December 2023 09:30 (30)

Presenter(s) : YA-PENG ZHANG (IMP)

Session Classification : Session 5

Contribution ID : 41

Type : **not specified**

Status of the WASA-FRS HypHI experiment for the hypertriton lifetime

Wednesday, 20 December 2023 10:00 (30)

Presenter(s) : EN-QIANG LIU (IMP)

Session Classification : Session 5

Contribution ID : 42

Type : **not specified**

China Hypernuclei Nuclear spectrometer

Wednesday, 20 December 2023 10:45 (30)

Presenter(s) : YU-TIE LIANG  

Session Classification : Session 6

Contribution ID : 43

Type : **not specified**

Observation of the Antimatter Hypernucleus Anti- $4\Lambda\text{H}$

Wednesday, 20 December 2023 11:45 (30)

Presenter(s) : JUN-LIN WU (IMP)

Session Classification : Session 6

Contribution ID : 44

Type : **not specified**

Discussion

Wednesday, 20 December 2023 14:30 (210)

Presenter(s) : ALL

Session Classification : Session 7

Contribution ID : 45

Type : **not specified**

Towards direct measurement of hypertriton lifetime

Wednesday, 20 December 2023 11:15 (30)

Presenter(s) : YUE MA (RIKEN)

Session Classification : Session 6