

**3rd RIKEN-IBS Joint
Conference on Nuclear
Physics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening address

Thursday, 25 January 2024 09:00 (5 minutes)

Presenter: SAKURAI, Hiroyoshi (RIKEN Nishina Center for Accelerator-Based Science)

Session Classification: Session 1:Opening

Contribution ID: 2

Type: **not specified**

Opening address

Thursday, 25 January 2024 09:05 (5 minutes)

Presenter: HAHN, Kevin (Center for Exotic Nuclear Studies, IBS)

Session Classification: Session 1:Opening

Contribution ID: 3

Type: **not specified**

Opening address

Thursday, 25 January 2024 09:10 (5 minutes)

Presenter: NOH, Do Young (Institute for Basic Research, Korea)

Session Classification: Session 1:Opening

Contribution ID: 4

Type: **not specified**

Opening address

Thursday, 25 January 2024 09:15 (5 minutes)

Presenter: NAKA, Makiko (RIKEN)

Session Classification: Session 1:Opening

Contribution ID: 5

Type: **not specified**

Status of RAON

Thursday, 25 January 2024 09:25 (30 minutes)

Presenter: HONG, SeungWoo (IRIS, IBS)

Session Classification: Session 1:Opening

Contribution ID: 6

Type: **not specified**

Overview of RIKEN RI-Beam Factory (RIBF)

Thursday, 25 January 2024 09:55 (30 minutes)

Presenter: KAMIGAITO, Osamu (RIKEN Nishina Center)

Session Classification: Session 1:Opening

Contribution ID: 7

Type: **not specified**

Studies for the two-step method using the BigRIPS separator for the RI beam production

Thursday, 25 January 2024 10:35 (30 minutes)

Presenter: AHN, DeukSoon (CENS, IBS)

Session Classification: Session 2: Toward the limit of nuclear stability

Contribution ID: 8

Type: **not specified**

Collaborations for future studies using the RI-beam In-flight separators at RIBF and RAON

Thursday, 25 January 2024 11:05 (30 minutes)

Presenter: SUZUKI, Hiroshi (RIKEN Nishina Center, RIKEN)

Session Classification: Session 2: Toward the limit of nuclear stability

Contribution ID: 9

Type: **not specified**

Beam Commissioning Status of the ISOL Facility at IRIS

Thursday, 25 January 2024 13:05 (30 minutes)

Presenter: LEE, Jinho (IRIS, IBS)

Session Classification: Session 2: Toward the limit of nuclear stability

Contribution ID: 10

Type: **not specified**

Production of neutron-rich nuclei by multinucleon transfer reactions and nuclear spectroscopy at KISS

Thursday, 25 January 2024 13:35 (30 minutes)

Presenter: WATANABE, Yutaka (KEK)

Session Classification: Session 2: Toward the limit of nuclear stability

Contribution ID: 11

Type: **not specified**

First nuclear spectroscopy experiments at low energy branch of RAON

Thursday, 25 January 2024 14:05 (30 minutes)

Presenter: KIM, Yung Hee (CENS, IBS)

Session Classification: Session 3: In search of origins of elements

Contribution ID: 12

Type: **not specified**

Experiments with low-energy RI beams at CRIB - history, present and future

Thursday, 25 January 2024 14:35 (30 minutes)

Presenter: YAMAGUCHI, Hidetoshi (CNS, the University of Tokyo)

Session Classification: Session 3: In search of origins of elements

Contribution ID: 13

Type: **not specified**

CENS n*-explorer project to study the r-process

Thursday, 25 January 2024 15:05 (30 minutes)

Presenter: AHN, Sunghoon (Tony) (CENS, IBS)

Session Classification: Session 3: In search of origins of elements

Contribution ID: 14

Type: **not specified**

Harvesting nuclear properties: Bridging discoveries with astrophysics

Thursday, 25 January 2024 15:35 (30 minutes)

Presenter: NISHIMURA, Shunji (RIKEN Nishina Center)

Session Classification: Session 3: In search of origins of elements

Contribution ID: 15

Type: **not specified**

Collaboration idea using the LAMPS detector elements

Friday, 26 January 2024 10:30 (30 minutes)

Presenter: HONG, Byungsik (Korea University)

Session Classification: Session 4: Beyond the neutron drip-line and nuclear matter + Theory

Contribution ID: 16

Type: **not specified**

SAMURAI experiments to explore beyond the neutron drip-line

Friday, 26 January 2024 10:00 (30 minutes)

Presenter: UESAKA, Tomohiro (RIKEN Nishina Center)

Session Classification: Session 4: Beyond the neutron drip-line and nuclear matter + Theory

Contribution ID: 17

Type: **not specified**

Nuclear theory at CENS

Friday, 26 January 2024 11:20 (30 minutes)

Presenter: KIM, Youngman (CENS, IBS)

Session Classification: Session 4: Beyond the neutron drip-line and nuclear matter + Theory

Contribution ID: **18**

Type: **not specified**

Theoretical studies at RIBF

Friday, 26 January 2024 11:50 (30 minutes)

Presenter: KIMURA, Masaaki (RIKEN Nishina Center)

Session Classification: Session 4: Beyond the neutron drip-line and nuclear matter + Theory

Contribution ID: 19

Type: **not specified**

Current status of preparation for gamma-ray spectroscopy in Korea

Friday, 26 January 2024 14:50 (30 minutes)

Presenter: Dr MOON, Byul (Center for Exotic Nuclear Studies, Institute for Basic Science)

Session Classification: Nuclear structure far from the stability line

Contribution ID: 20

Type: **not specified**

Laser spectroscopy for the study of exotic nuclei at RAON

Friday, 26 January 2024 13:50 (30 minutes)

Presenter: PARK, Sung Jong (IRIS, IBS)

Session Classification: Nuclear structure far from the stability line

Contribution ID: 21

Type: **not specified**

Atomic precision spectroscopy for the RI beams at RIKEN RIBF

Friday, 26 January 2024 14:20 (30 minutes)

Presenter: TAKAMINE, Aiko (RNC)

Session Classification: Nuclear structure far from the stability line

Contribution ID: 22

Type: **not specified**

Towards next-generation in-beam gamma-ray spectroscopy at the RIBF with HYPATIA

Friday, 26 January 2024 15:20 (30 minutes)

Presenter: DOORNENBAL, Pieter (RIKEN)

Session Classification: Nuclear structure far from the stability line

Contribution ID: 23

Type: **not specified**

Knockout reaction studies involving CENS members at RIKEN

Friday, 26 January 2024 16:10 (30 minutes)

Presenter: Dr KIM, Sunji

Session Classification: Nuclear structure far from the stability line

Contribution ID: 24

Type: **not specified**

Probing nuclear clustering using knockout reactions

Friday, 26 January 2024 16:40 (30 minutes)

Presenter: Dr KUBOTA, Yuki (RIKEN Nishina Center)

Session Classification: Nuclear structure far from the stability line

Contribution ID: 25

Type: **not specified**

Closing address

Friday, 26 January 2024 17:10 (10 minutes)

Session Classification: Nuclear structure far from the stability line