

2nd Symposium on TOPTIER Platform in Extreme Rare Isotope Science

Report of Contributions

Contribution ID: 1

Type: **not specified**

Current Status of the SUPER Project

Wednesday, 20 August 2025 15:30 (20 minutes)

Presenter: KIM, Youngjun (Korea University)

Session Classification: Session

Contribution ID: 2

Type: **not specified**

Cluster knockout measurements at RIBF

Wednesday, 20 August 2025 15:50 (20 minutes)

Presenter: KUBOTA, Yuki (RIKEN)

Session Classification: Session

Contribution ID: 3

Type: **not specified**

ONOKORO at RCNP

Wednesday, 20 August 2025 16:10 (20 minutes)

Presenter: LEE, Cheong Soo (IBS)

Session Classification: Session

Contribution ID: 4

Type: **not specified**

Heavy ion collision experiment at RIBF to study the properties of high dense neutron rich matter

Wednesday, 20 August 2025 16:30 (20 minutes)

Presenter: ISOBE, Tadaaki (RIKEN)

Session Classification: Session

Contribution ID: 5

Type: **not specified**

Experimental studies with the LAMPS neutron detector array at SAMURAI

Wednesday, 20 August 2025 17:00 (20 minutes)

Presenter: KONDO, Yosuke (RIKEN)

Session Classification: Session

Contribution ID: 6

Type: **not specified**

Preparation Status of LAMPS-NDA

Wednesday, 20 August 2025 17:20 (20 minutes)

Presenter: KIM, Youngjin (IBS)

Session Classification: Session

Contribution ID: 7

Type: **not specified**

Data Acquisition System for LAMPS-NDA

Wednesday, 20 August 2025 17:40 (20 minutes)

Presenter: LEE, Hyo Sang (IBS)

Session Classification: Session

Contribution ID: 8

Type: **not specified**

Overview of Project #4

Thursday, 21 August 2025 09:30 (10 minutes)

Presenter: NISHIMURA, S. (RIKEN)

Session Classification: Session

Contribution ID: 9

Type: **not specified**

From Masses to β -Decay: Experimental Constraints on the r-Process

Thursday, 21 August 2025 09:40 (30 minutes)

Presenter: PHONG, V.H. (RIKEN)

Session Classification: Session

Contribution ID: **10**

Type: **not specified**

Stellar nucleosynthesis studies with surrogate reactions

Thursday, 21 August 2025 10:10 (20 minutes)

Presenter: BAE, Sunghan (IBS)

Session Classification: Session

Contribution ID: **11**

Type: **not specified**

Optical model potential studies at RAON

Thursday, 21 August 2025 10:30 (20 minutes)

Presenter: KIM, Dahee (CENS)

Session Classification: Session

Contribution ID: 12

Type: **not specified**

CENS ap-explore project using active target TPCs

Thursday, 21 August 2025 11:10 (30 minutes)

Presenter: CHA, Soomi (CENS)

Session Classification: Session

Contribution ID: 13

Type: **not specified**

Study on the rp-process via mass measurements with MRTOF-MS

Thursday, 21 August 2025 11:40 (20 minutes)

Presenter: KIMURA, S (KEK)

Session Classification: Session

Contribution ID: 14

Type: **not specified**

Current Status of TOPTIER Theory (KSHELL)

Thursday, 21 August 2025 13:00 (15 minutes)

Presenter: KIM, Youngman (IBS)

Session Classification: Session

Contribution ID: 15

Type: **not specified**

Recent progress and technological upgrades for the ZD MRTOF-MS experiment at RIBF

Thursday, 21 August 2025 15:30 (30 minutes)

Presenter: ROSENBUSCH, M (RNC)

Session Classification: Session

Contribution ID: **16**

Type: **not specified**

SLOWRI pre-proposal

Thursday, 21 August 2025 16:00 (15 minutes)

Presenter: HASHIMOTO, T (IBS)

Session Classification: Session

Contribution ID: 17

Type: **not specified**

MR TOF and mass measurement

Thursday, 21 August 2025 16:15 (15 minutes)

Presenter: MOON, J. Y. (IBS)

Session Classification: Session

Contribution ID: **18**

Type: **not specified**

Laser spectroscopy at KISS

Thursday, 21 August 2025 16:30 (15 minutes)

Presenter: HIRAYAMA, Y (KEK)

Session Classification: Session

Contribution ID: **19**

Type: **not specified**

A new combination of nuclear structure and reaction theories

Wednesday, 20 August 2025 13:45 (25 minutes)

Presenter: YOSHIDA, Kazuki (RCNP/RIKEN)

Session Classification: Session

Contribution ID: 20

Type: **not specified**

Interdisciplinary approach to multi-body correlations

Wednesday, 20 August 2025 14:10 (25 minutes)

Presenter: TAJIMA, Hiroyuki

Session Classification: Session

Contribution ID: 21

Type: **not specified**

Role of the Light Mass Nuclear Reactions in the r-process Nucleosynthesis

Wednesday, 20 August 2025 14:35 (25 minutes)

Presenter: KIM, Kyungil (IBS)

Session Classification: Session

Contribution ID: 22

Type: **not specified**

TOPTIER Subproject 1 (RI production) Overview

Tuesday, 19 August 2025 15:00 (5 minutes)

Presenter: WATANABE, Yutaka (KEK)

Session Classification: Parallel Session

Contribution ID: 23

Type: **not specified**

Development of the Apparatuses for Energy-Degraded RI Beam Experiments at OEDO

Tuesday, 19 August 2025 15:30 (15 minutes)

Presenter: IMAI, N. (CNS)

Session Classification: Parallel Session

Contribution ID: 24

Type: **not specified**

Status of RI Production at RAON

Tuesday, 19 August 2025 15:05 (25 minutes)

Presenter: SHIN, Taeksu (IBS)

Session Classification: Parallel Session

Contribution ID: 25

Type: **not specified**

Medical Isotopes Program at IRIS

Tuesday, 19 August 2025 16:30 (15 minutes)

Presenter: KIM, J.H.

Session Classification: Parallel Session

Contribution ID: 26

Type: **not specified**

Optics Study of 5 and 15 MeV/nucleon Beams at OEDO

Tuesday, 19 August 2025 15:45 (15 minutes)

Presenter: YAMAMOTO, Y. (CNS)

Session Classification: Parallel Session

Contribution ID: 27

Type: **not specified**

Development of ASAGI for SR-PPAC

Tuesday, 19 August 2025 16:00 (10 minutes)

Presenter: TSUCHIYA, R. (Rikyo University)

Session Classification: Parallel Session

Contribution ID: 28

Type: **not specified**

Recent status of the low-energy RI beam production at CRIB

Tuesday, 19 August 2025 16:45 (15 minutes)

Presenter: YAMAGUCHI, H. (CNS)

Session Classification: Parallel Session

Contribution ID: 29

Type: **not specified**

RI Production at KISS - MNT Reactions and Laser Ionization

Tuesday, 19 August 2025 17:00 (15 minutes)

Presenter: HIRAYAMA, Y. (KEK)

Session Classification: Parallel Session

Contribution ID: **30**

Type: **not specified**

TBA

Presenter: KOREAN RESEARCHER, Young

Session Classification: Parallel Session

Contribution ID: 31

Type: **not specified**

Overview of decay spectroscopy at RIBF and C2URIE project

Wednesday, 20 August 2025 11:40 (20 minutes)

Presenter: YOKOYAMA, Rin

Session Classification: Session

Contribution ID: 32

Type: **not specified**

Status of the IDATEN project at RIBF and the upcoming ASGAR in-beam gamma campaign at RAON

Wednesday, 20 August 2025 09:40 (30 minutes)

Presenter: WATANABE, Hiroshi (IBS)

Session Classification: Session

Contribution ID: 33

Type: **not specified**

Lifetime measurement of yrast-band states in ^{94}Pd using IDATEN

Wednesday, 20 August 2025 10:10 (20 minutes)

Presenter: JANG, Youngseob (Korea University)

Session Classification: Session

Contribution ID: **34**

Type: **not specified**

8pi Array Project at RCNP

Thursday, 21 August 2025 13:15 (20 minutes)

Presenter: IDEGUCHI, E. (RCNP)

Session Classification: Session

Contribution ID: 35

Type: **not specified**

In-Beam Gamma-Ray Spectroscopy with DALI2(+), HiCARI, and the Path Toward HYPATIA

Wednesday, 20 August 2025 10:50 (30 minutes)

Presenter: DOORNENBAL, Pieter

Session Classification: Session

Contribution ID: 36

Type: **not specified**

Status of in-beam gamma spectroscopy for the neutron-rich scandium isotopes with HiCARI campaign

Wednesday, 20 August 2025 11:20 (20 minutes)

Presenter: KIM, Jiseok (Korea University)

Session Classification: Session

Contribution ID: 37

Type: **not specified**

Summary of Project 2 Activities

Wednesday, 20 August 2025 09:30 (10 minutes)

Presenter: AOI, Nori (CNS)

Session Classification: Session

Contribution ID: **38**

Type: **not specified**

Status of Project 5: Neutron Science

Thursday, 21 August 2025 13:45 (20 minutes)

Presenter: OTSU, H. (RIKEN)

Session Classification: Session

Contribution ID: 39

Type: **not specified**

Evaluation and Status of Nuclear Data Induced by Neutron for Key Nuclides in Small MSRs

Thursday, 21 August 2025 14:05 (20 minutes)

Presenter: KIM, H.I. (KAERI)

Session Classification: Session

Contribution ID: 40

Type: **not specified**

Neutron Beamline NDPS at IRIS for Nuclear Science

Thursday, 21 August 2025 14:25 (20 minutes)

Presenter: LEE, C.S. (IRIS)

Session Classification: Session

Contribution ID: 41

Type: **not specified**

Surrogate Measurement for the Neutron-induced Reactions with OEDO Facility

Thursday, 21 August 2025 14:45 (15 minutes)

Presenter: IMAI, N. (CNS)

Session Classification: Session

Contribution ID: 42

Type: **not specified**

Experimental Approaches for Nuclear Data Production in the TOPTIER Project

Thursday, 21 August 2025 15:00 (15 minutes)

Presenter: MOON, D.H. (KAERI)

Session Classification: Session

Contribution ID: 43

Type: **not specified**

Opening Addresses

Tuesday, 19 August 2025 13:30 (15 minutes)

Presenter: TAEKSU SHIN, Hiroyoshi Sakurai and

Session Classification: Opening Session

Contribution ID: 44

Type: **not specified**

Greetings

Tuesday, 19 August 2025 13:45 (15 minutes)

Presenter: SEUNG-WOO HONG, Akira Henda, Hyein Kim, and

Session Classification: Opening Session

Contribution ID: 45

Type: **not specified**

Overview of RIKEN and IBS

Tuesday, 19 August 2025 14:00 (20 minutes)

Presenter: SHIBO SIM, Osamu Aruga and

Session Classification: Opening Session

Contribution ID: 46

Type: **not specified**

Photo Session

Tuesday, 19 August 2025 14:20 (10 minutes)

Session Classification: Opening Session