

# **RIBF Users Meeting 2025**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Overview of RIBF: Current Status and Future**

*Tuesday 21 January 2025 09:35 (25 minutes)*

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

**Session Classification:** Seesion 1

Contribution ID: 2

Type: **not specified**

## **RI-Beam Production and Recent Advancements in the BigRIPS**

*Tuesday 21 January 2025 10:00 (20 minutes)*

**Presenter:** YOSHIMOTO, Masahiro (RIKEN)

**Session Classification:** Seesion 1

Contribution ID: 3

Type: **not specified**

## **Recent activities at CRIB - the low-energy RI beam separator of CNS**

*Tuesday 21 January 2025 10:20 (20 minutes)*

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

**Session Classification:** Seesion 1

Contribution ID: 4

Type: **not specified**

## The TRIP project

*Tuesday 21 January 2025 10:55 (20 minutes)*

**Primary author:** KIMURA, Masaaki (RIKEN Nishina Center)

**Presenters:** NISHIMURA, Daiki (Tokyo City University); ZENIHIRO, Juzo (Department of Physics, Kyoto University); KIMURA, Masaaki (RIKEN Nishina Center)

**Session Classification:** Session 2

Contribution ID: 5

Type: **not specified**

## Overview of Recent SUNFLOWER Activities

*Tuesday 21 January 2025 11:15 (20 minutes)*

**Presenter:** LEE, Jenny (The University of Hong Kong)

**Session Classification:** Session 2

Contribution ID: 6

Type: **not specified**

## **Present status and future prospects of the SCRIT electron scattering facility**

*Tuesday 21 January 2025 11:35 (20 minutes)*

**Presenter:** OGAWARA, Ryo (RIKEN Nishina Center)

**Session Classification:** Session 2

Contribution ID: 7

Type: **not specified**

## **Identification of fast-decaying background isotopes during the search of the new element $Z = 119$ at RIKEN**

*Tuesday 21 January 2025 13:30 (20 minutes)*

**Presenter:** BRIONNET, pierre (RIKEN)

**Session Classification:** Session 3



Contribution ID: 8

Type: **not specified**

## **Decay spectroscopy experiments at RIBF: Study of nuclei at the edge of experimental synthesis with BRIKEN and DTAS**

*Tuesday 21 January 2025 13:50 (20 minutes)*

**Presenter:** MORALES, Anabel (IFIC)

**Session Classification:** Session 3

Contribution ID: 9

Type: **not specified**

## **Refraction and absorption effects in cluster knockout reactions**

*Tuesday 21 January 2025 14:10 (20 minutes)*

**Presenter:** YOSHIDA, Kazuki (RCNP, Osaka University)

**Session Classification:** Session 3

Contribution ID: **10**

Type: **not specified**

## **The past, present, and future of physics programs at OEDO-SHARAQ**

*Tuesday 21 January 2025 14:30 (20 minutes)*

**Presenter:** KITAMURA, Noritaka (Center for Nuclear Study, University of Tokyo)

**Session Classification:** Session 3

Contribution ID: 11

Type: **not specified**

## **Present status of the Rare-RI Ring**

*Tuesday 21 January 2025 14:50 (20 minutes)*

**Presenter:** YANO, Asahi (University of Tsukuba)

**Session Classification:** Session 3

Contribution ID: 12

Type: **not specified**

## **Gamma-ray polarimetry based on Compton camera**

*Tuesday 21 January 2025 15:25 (20 minutes)*

**Presenter:** GO, Shintaro (RIKEN)

**Session Classification:** Session 4

Contribution ID: 13

Type: **not specified**

## **Present status and future plan of KISS**

*Tuesday 21 January 2025 15:45 (20 minutes)*

**Presenter:** WATANABE, Yutaka (KEK)

**Session Classification:** Session 4

Contribution ID: 14

Type: **not specified**

## **Study of fission dynamics using six-dimensional Langevin equation**

*Tuesday 21 January 2025 16:05 (20 minutes)*

**Presenter:** OKADA, Kazuki (Japan Atomic Energy Agency)

**Session Classification:** Session 4

Contribution ID: 15

Type: **not specified**

## **Recent activities and future plans for SAMURAI**

*Tuesday 21 January 2025 16:25 (20 minutes)*

**Presenter:** WANG, He (RIKEN)

**Session Classification:** Session 4



Contribution ID: 16

Type: **not specified**

## **Recent status of ZD-MRTOF and precision mass of neutron-rich $A \sim 90$ nuclei constrain element abundances**

*Tuesday 21 January 2025 16:45 (20 minutes)*

**Presenter:** XIAN, Wenduo (SYSU, HKU)

**Session Classification:** Session 4

Contribution ID: 17

Type: **not specified**

## Thesis award remark

*Tuesday 21 January 2025 17:20 (5 minutes)*

**Presenter:** Dr LIANG, Haozhao (The University of Tokyo)

**Session Classification:** Thesis award

Contribution ID: **18**

Type: **not specified**

## **Extended p3/2 neutron orbital and the N=32 shell closure in $^{52}\text{Ca}$**

*Tuesday 21 January 2025 17:25 (25 minutes)*

**Presenter:** RAVAR, Madalina (TU Darmstadt)

**Session Classification:** Thesis award

Contribution ID: 19

Type: **not specified**

## Opening

*Tuesday 21 January 2025 09:30 (5 minutes)*

**Presenter:** Dr MIKI, Kenjiro (Tohoku University)

**Session Classification:** Opening

Contribution ID: 20

Type: **not specified**

## Closing

*Tuesday 21 January 2025 17:50 (5 minutes)*

**Presenter:** Dr MIKI, Kenjiro (Tohoku University)

**Session Classification:** Closing