

RIBF Users Meeting 2016

Report of Contributions

Contribution ID: 0

Type: **not specified**

Theoretical challenges in fusion reactions relevant to superheavy elements

Thursday, September 8, 2016 4:40 PM (30 minutes)

Presenter: Dr HAGINO, Kouichi (Department of Physics, Tohoku University)

Session Classification: Session 3

Contribution ID: 1

Type: **not specified**

Multi-reflection time of flight mass spectrographs for mass measurements, particle identification, and beam purification

Thursday, September 8, 2016 11:20 AM (30 minutes)

Presenter: Dr SCHURY, Peter (Riken Nishina Center for Accelerator-Based Science)

Session Classification: Session 2

Contribution ID: 2

Type: **not specified**

Spectroscopy of multi-nucleon transfer reaction products using KISS

Thursday, September 8, 2016 4:10 PM (30 minutes)

Presenter: Dr HIRAYAMA, Yoshikazu (IPNS, KEK)

Session Classification: Session 3

Contribution ID: 3

Type: **not specified**

Recent activities at the low-energy RI beam separator CRIB

Friday, September 9, 2016 3:50 PM (30 minutes)

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

Session Classification: Session 7

Contribution ID: 4

Type: **not specified**

Status of machine study for R3

Friday, September 9, 2016 4:50 PM (25 minutes)

Presenter: YAMAGUCHI, Yoshitaka (RIKEN Nishina Center)

Session Classification: Session 7

Contribution ID: 6

Type: **not specified**

Post RIBF (TBA)

Friday, September 9, 2016 10:00 AM (1 hour)

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

Session Classification: Session 4

Contribution ID: 7

Type: **not specified**

Outlook of exotic nuclei physics in Japan

Friday, September 9, 2016 9:30 AM (30 minutes)

Presenter: Dr IMAI, Nobuaki (IPNS, KEK)

Session Classification: Session 4

Contribution ID: 8

Type: **not specified**

Status reports on the RIBF accelerator

Friday, September 9, 2016 9:00 AM (10 minutes)

Presenter: Dr FUKUNISHI, Nobuhisa (Accelerator Group, Nishina Center for Accelerator-based Science, RIKEN)

Session Classification: Session 4

Contribution ID: 9

Type: **not specified**

Status report of BigRIPS (TBA)

Friday, September 9, 2016 11:30 AM (30 minutes)

Presenter: Dr YOSHIDA, Koichi (RIKEN Nishina Center)

Session Classification: Session 5

Contribution ID: **10**

Type: **not specified**

EURICA (TBA)

Thursday, September 8, 2016 9:20 AM (30 minutes)

Presenter: Dr NISHIMURA, Shunji (Researcher)

Session Classification: Session 1

Contribution ID: 11

Type: **not specified**

Recent results and perspectives of SUNFLOWER

Friday, September 9, 2016 2:00 PM (25 minutes)

Presenter: Dr DOORNENBAL, Pieter (RIKEN)

Session Classification: Session 6

Contribution ID: 12

Type: **not specified**

Recent achievement of the OEDO/SHARAQ system

Friday, September 9, 2016 2:55 PM (25 minutes)

Presenter: Dr MICHIMASA, Shin'ichiro (CNS, Univ. of Tokyo)

Session Classification: Session 6

Contribution ID: 13

Type: **not specified**

Recent Experiments and Perspectives of SAMURAI

Thursday, September 8, 2016 9:50 AM (25 minutes)

Presenter: Prof. NAKAMURA, Takashi (Tokyo Institute of Technology)

Session Classification: Session 1

Contribution ID: 15

Type: **not specified**

Current Status of Electron Scattering Facility: SCRIT

Thursday, September 8, 2016 11:50 AM (30 minutes)

Presenter: Dr WATANABE, Masamitsu (RNC)

Session Classification: Session 2

Contribution ID: 16

Type: **not specified**

Magnetic moment measurement using spin-aligned beam at RIBF

Thursday, September 8, 2016 10:50 AM (30 minutes)

Presenter: Dr ICHIKAWA, Yuichi (RIKEN Nishina Center)

Session Classification: Session 2

Contribution ID: 17

Type: **not specified**

Status and future plan of Superheavy element research at RIKEN

Thursday, September 8, 2016 5:10 PM (30 minutes)

Presenter: Dr MORIMOTO, Kouji (GARIS Team)

Session Classification: Session 3

Contribution ID: 18

Type: **not specified**

Probes of neutron-skin thickness and weakly-bound neutron correlations

Friday, September 9, 2016 4:20 PM (30 minutes)

Presenter: Dr HORIUCHI, Wataru (Hokkaido Univ.)

Session Classification: Session 7

Contribution ID: 19

Type: **not specified**

The first SAMURAI experiment with $S\pi$ RIT

Friday, September 9, 2016 2:25 PM (30 minutes)

Presenter: Dr MURAKAMI, Tetsuya (Department of Physics, Kyoto University)

Session Classification: Session 6

Contribution ID: **20**

Type: **not specified**

Award Ceremony

Thursday, September 8, 2016 2:00 PM (10 minutes)

Presenters: Dr ISOBE, Tadaaki (RIKEN); Prof. KANADA-EN'YO, Yoshiko (YITP)

Session Classification: Award session

Contribution ID: 21

Type: **not specified**

Determination of deformed and halo structure of unstable nuclei by fully microscopic theory

Thursday, September 8, 2016 2:10 PM (30 minutes)

Presenter: Dr MINOMO, Kosho (RCNP, Osaka Univ.)

Session Classification: Award session

Contribution ID: 22

Type: **not specified**

Quest for new nuclear magic numbers with MINOS

Thursday, September 8, 2016 2:40 PM (30 minutes)

Presenter: Dr SANTAMARIA, Clementine (NSCL, MSU)

Session Classification: Award session

Contribution ID: 23

Type: **not specified**

A multi-reflection time-of-flight mass spectrograph for high-precision mass measurements of short-lived nuclei (Award in 2015)

Thursday, September 8, 2016 3:10 PM (30 minutes)

Presenter: Dr ITO, Yuta (SLOWRI Team, Nishina Accelerator-Based Research Center, RIKEN)

Session Classification: Award session

Contribution ID: 24

Type: **not specified**

Opening

Thursday, September 8, 2016 9:00 AM (10 minutes)

Presenter: Dr ISOBE, Tadaaki (RIKEN)

Contribution ID: 25

Type: **not specified**

Greetings from Director of Nishina Center

Thursday, September 8, 2016 9:10 AM (10 minutes)

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

Contribution ID: 26

Type: **not specified**

UEC Report

Friday, September 9, 2016 5:15 PM (30 minutes)

Presenter: Dr ISOBE, Tadaaki (RIKEN)

Session Classification: Session 7

Contribution ID: 27

Type: **not specified**

Closing

Friday, September 9, 2016 5:45 PM (5 minutes)

Presenter: Prof. OGATA, Kazuyuki (RCNP, Osaka University)

Contribution ID: 28

Type: **not specified**

ImPACT (TBA)

Friday, September 9, 2016 12:00 PM (30 minutes)

Presenter: Dr OTSU, Hideaki (RIKEN Nishina Center)

Session Classification: Session 5

Contribution ID: 29

Type: **not specified**

Upgrade plan of the RIBF accelerator

Friday, September 9, 2016 9:10 AM (20 minutes)

Presenter: Dr OKUNO, Hiroki (RIKEN Nishina center for accelerator-based science)

Session Classification: Session 4

Contribution ID: **30**

Type: **not specified**

Registration

Thursday, September 8, 2016 8:30 AM (30 minutes)

Contribution ID: **31**

Type: **not specified**

Registration

Friday, September 9, 2016 8:30 AM (30 minutes)

Contribution ID: 32

Type: **not specified**

Measuring luminosity of electron scattering at the SCRIT experiment

Thursday, September 8, 2016 6:25 PM (5 minutes)

Presenter: Mr FUJITA, Takahiro (Rikkyo University)

Session Classification: Poster Session

Contribution ID: 33

Type: **not specified**

Time-of-flight mass measurements of neutron-rich Ca isotopes beyond $N = 34$ at SHARAQ

Thursday, September 8, 2016 6:20 PM (5 minutes)

Presenter: Mr KOBAYASHI, Motoki (Center for Nuclear Study, University of Tokyo)

Session Classification: Poster Session

Contribution ID: 34

Type: **not specified**

Search for 4 neutrons resonance state (tetra-neutron) via Exothermic Double Charge Exchange Reaction

Thursday, September 8, 2016 7:05 PM (5 minutes)

Presenter: Mr MASUOKA, Shoichiro (CNS)

Session Classification: Poster Session

Contribution ID: 35

Type: **not specified**

Pulse shape analysis using flash-ADC for short-lived decay of superheavy elements

Thursday, September 8, 2016 6:50 PM (5 minutes)

Presenter: Ms YAMAKI, Sayaka (Saitama University)

Session Classification: Poster Session

Contribution ID: 36

Type: **not specified**

Pulse-height defect in single crystal CVD diamond detectors

Thursday, September 8, 2016 6:55 PM (5 minutes)

Presenter: Dr BELIUSKINA, Olga (CNS)

Session Classification: Poster Session

Contribution ID: 37

Type: **not specified**

Precise mass measurements of the $N = Z - 2$ nuclei near the proton drip line

Thursday, September 8, 2016 7:00 PM (5 minutes)

Presenter: KIMURA, Sota (University of Tsukuba)

Session Classification: Poster Session

Contribution ID: 38

Type: **not specified**

FEASIBILITY STUDY FOR THE $7\text{Be}+n$ REACTION MEASUREMENTS BY TROJAN HORSE METHOD AT CRIB

Thursday, September 8, 2016 6:05 PM (5 minutes)

Presenter: Mr ABE, Keijiro (CNS)

Session Classification: Poster Session

Contribution ID: 39

Type: **not specified**

New measurement of the proton resonance elastic scattering of ^{34}Si

Thursday, September 8, 2016 6:00 PM (5 minutes)

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

Session Classification: Poster Session

Contribution ID: 40

Type: **not specified**

The Rare-RI Ring for mass measurement at RIKEN

Thursday, September 8, 2016 6:15 PM (5 minutes)

Presenter: Mr OHMIKA, Shun'ichiro (Saitama University)

Session Classification: Poster Session

Contribution ID: 41

Type: **not specified**

Role of hexadecupole deformation in the shape evolution of neutron-rich Nd isotopes

Thursday, September 8, 2016 6:10 PM (5 minutes)

Presenter: Mr YOKOYAMA, Rin (CNS, the University of Tokyo)

Session Classification: Poster Session

Contribution ID: 42

Type: **not specified**

Investigating the alpha-cluster state via knockout reaction

Thursday, September 8, 2016 6:40 PM (5 minutes)

Presenter: Mr YOSHIDA, Kazuki (RCNP)

Session Classification: Poster Session

Contribution ID: 43

Type: **not specified**

Quantum phase transition in the shape of Zr isotopes

Thursday, September 8, 2016 6:45 PM (5 minutes)

Presenter: Dr TOGASHI, Tomoaki (CNS)

Session Classification: Poster Session

Contribution ID: 44

Type: **not specified**

Effects of pairing correlation on p-wave resonance and s-wave scattering in neutron-rich nuclei

Thursday, September 8, 2016 6:30 PM (5 minutes)

Presenter: Mr KOBAYASHI, Yoshihiko (Niigata University)

Session Classification: Poster Session

Contribution ID: 45

Type: **not specified**

Structure and decay pattern of linear chain states in neutron-rich Carbon isotopes

Thursday, September 8, 2016 6:35 PM (5 minutes)

Presenter: Mr BABA, Tomoyuki (Hokkaido University)

Session Classification: Poster Session