RIBF Users Meeting 2016

Report of Contributions

https://indico2.riken.jp/e/2340

Contribution ID: **0** Type: **not specified**

Theoretical challenges in fusion reactions relevant to superheavy elements

Thursday 8 September 2016 16:40 (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 8 September 2016 11:20 (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 8 September 2016 16:10 (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 9 September 2016 15:50 (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 9 September 2016 16:50 (25 minutes)

Presenter: YAMAGUCHI, Yoshitaka (RIKEN Nishina Center)

Session Classification: Session 7

Contribution ID: **6** Type: **not specified**

Post RIBF (TBA)

Friday 9 September 2016 10:00 (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 9 September 2016 09:30 (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 9 September 2016 09:00 (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 9 September 2016 11:30 (30 minutes)

Presenter: Dr YOSHIDA, Koichi (RIKEN Nishina Center)

Session Classification: Session 5

Contribution ID: **10** Type: **not specified**

EURICA (TBA)

Thursday 8 September 2016 09:20 (30 minutes)

Presenter: Dr NISHIMURA, Shunji (Researcher)

Session Classification: Session 1

Contribution ID: **11** Type: **not specified**

Recent results and perspectives of SUNFLOWER

Friday 9 September 2016 14:00 (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 9 September 2016 14:55 (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 8 September 2016 09:50 (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 8 September 2016 11:50 (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 8 September 2016 10:50 (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 8 September 2016 17:10 (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 9 September 2016 16:20 (30 minutes)

Presenter: Dr HORIUCHI, Wataru (Hokkaido Univ.)

Session Classification: Session 7

Contribution ID: **19** Type: **not specified**

The first SAMURAI experiment with SπRIT

Friday 9 September 2016 14:25 (30 minutes)

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

Session Classification: Session 6

Contribution ID: **20** Type: **not specified**

Award Ceremony

Thursday 8 September 2016 14:00 (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 8 September 2016 14:10 (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 8 September 2016 14:40 (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 8 September 2016 15:10 (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 8 September 2016 09:00 (10 minutes)

Presenter: Dr ISOBE, Tadaaki (RIKEN)

Contribution ID: **25** Type: **not specified**

Greetings from Director of Nishina Center

Thursday 8 September 2016 09:10 (10 minutes)

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

Contribution ID: **26** Type: **not specified**

UEC Report

Friday 9 September 2016 17:15 (30 minutes)

Presenter: Dr ISOBE, Tadaaki (RIKEN)

Session Classification: Session 7

Contribution ID: **27** Type: **not specified**

Closing

Friday 9 September 2016 17:45 (5 minutes)

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

Contribution ID: **28** Type: **not specified**

ImPACT (TBA)

Friday 9 September 2016 12:00 (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 9 September 2016 09:10 (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 8 September 2016 08:30 (30 minutes)

Contribution ID: **31** Type: **not specified**

Registration

Friday 9 September 2016 08:30 (30 minutes)

Contribution ID: **32** Type: **not specified**

Measuring luminosity of electron scaterring at the SCRIT experiment

Thursday 8 September 2016 18:25 (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 8 September 2016 18:20 (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 8 September 2016 19:05 (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 8 September 2016 18:50 (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 8 September 2016 18:55 (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 8 September 2016 19:00 (5 minutes)

Presenter: KIMURA, Sota (University of Tsukuba)

Session Classification: Poster Session

Contribution ID: **38** Type: **not specified**

FEASIBILITY STUDY FOR THE 7Be+n REACTION MEASUREMENTS BY TROJAN HORSE METHOD AT CRIB

Thursday 8 September 2016 18:05 (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 34Si

Thursday 8 September 2016 18:00 (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 8 September 2016 18:15 (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 8 September 2016 18:10 (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 8 September 2016 18:40 (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 8 September 2016 18:45 (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 8 September 2016 18:30 (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 8 September 2016 18:35 (5 minutes)

Presenter: Mr BABA, Tomoyuki (Hokkaido University)

Session Classification: Poster Session