

RI **8** **SSRI**

Friday, March 4, 2016 - Saturday, March 5, 2016

RIKEN Nishina Bldg.

Scientific Program

Friday, March 4th 2016

Session 1: Charge radii studies through laser spectroscopy convener: Aiko Takamine (RNC)

14:00-15:30 **Prof. Hitoshi Nakada (Chiba Univ.)**

Evidence for three-nucleon interaction in isotope shifts of Z=magic nuclei

15:30-16:00 Coffee break

16:00-17:30 **Dr. Hideki Iimura (JAEA)**

Charge radii by collinear laser spectroscopy

Saturday, March 5th 2016

Session 2: Nuclear masses pt.1 convener: Yuichi Ichikawa (RNC)

10:00-10:40 **Dr. Hiroyuki Koura (JAEA)**

Properties of nuclear masses for heavy and superheavy nuclei

10:40-11:20 **Dr. Peter Schury (KEK)**

MTOF for r-process at SLOWRI and KISS

11:20-11:35 Coffee Break

Session 2: Nuclear masses pt.2 convener: Michiharu Wada (KEK)

11:35-12:00 **Mr. Sota Kimura (Tsukuba Univ.)**

Precision mass measurements of the proton-rich nuclei and its impact on the rp-process

12:00-12:25 **Dr. Yuta Ito (RNC)**

MRTOF Mass Measurements for Superheavy Elements

12:25-13:25 Lunch

Session 2: Nuclear masses pt.3 convener: Yuta Ito (RNC)

13:25-13:50 **Dr. Yasushi Abe (RNC)**

Present status of Rare-RI Ring

13:50-14:15 **Dr. Masaki Sasano (RNC)**

Study of nuclear fission via the (p,2p) reaction at RIBF

14:15-14:30 Coffee Break

Session 3: Free Topics
 convener: Hirokazu Kawamura (CYRIC)

14:30-15:00 **Dr. Tetsuya Sato (JAEA)**

Measurement of the first ionization potential of lawrencium, element 103

15:00-15:15 **Dr. Hiroki Yamazaki (RNC)**

Thin film characterization using RI --- What I want to do

15:15-15:40 **Dr. Masato Asai (JAEA)**

Fission studies and mass measurements for neutron-rich Fm to Lr isotopes using ²⁵⁴Es target

15:40-16:10 Discussion & Closing

style="font-size: 12px; line-height: normal; font-family: Optima; letter-spacing: 0px;"> *convener:*
Hiroari Miyatake (KEK)