

**RI**

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**SSRI**

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

**RIKEN Nishina Bldg.**

# **Scientific Programme**

<span style="color: rgb(64, 64, 64); font-family: 'Tekton Pro'; font-size: 14px; letter-spacing: 0px;">Friday, March 4th 2016</span><span style="font-family: 'Tekton Pro'; font-size: 14px; letter-spacing: 0px; color: rgb(0, 0, 0);"><span class="Apple-tab-span" style="white-space:pre"></span></span>

<span style="letter-spacing: 0.0px">Session 1: Charge radii studies through laser spectroscopy<span class="Apple-tab-span" style="white-space:pre"> </span> convener: Aiko Takamine (RNC)</span>

<span style="letter-spacing: 0.0px">14:00-15:30 **Prof. Hitoshi Nakada (Chiba Univ.)**</span>

<span style="letter-spacing: 0.0px">Evidence for three-nucleon interaction in isotope shifts of Z=magic nuclei</span>

<span style="letter-spacing: 0.0px">15:30-16:00 </span><span style="font-size: 12px; line-height: normal; letter-spacing: 0px;">Coffee break</span>

<span style="letter-spacing: 0.0px">16:00-17:30 **Dr. Hideki Iimura (JAEA)**</span>

<span style="letter-spacing: 0.0px">Charge radii by collinear laser spectroscopy</span>

<span style="letter-spacing: 0.0px">Saturday, March 5th 2016</span>

<span style="letter-spacing: 0.0px">Session 2: Nuclear masses pt.1<span class="Apple-tab-span" style="white-space:pre"> </span> <span class="Apple-tab-span" style="white-space:pre"> </span> convener: Yuichi Ichikawa (RNC)</span>

<span style="letter-spacing: 0.0px">10:00-10:40 **Dr. Hiroyuki Koura (JAEA)**</span>

<span style="letter-spacing: 0.0px">Properties of nuclear masses for heavy and superheavy nuclei</span>

<span style="letter-spacing: 0.0px">10:40-11:20 **Dr. Peter Schury (KEK)**</span>

<span style="letter-spacing: 0.0px">MTOF for r-process at SLOWRI and KISS</span>

<span style="font-size: 14px; line-height: normal; letter-spacing: 0px;">11:20-11:35 </span><span style="letter-spacing: 0.0px">Coffee Break</span>

<span style="letter-spacing: 0.0px">Session 2: Nuclear masses pt.2<span class="Apple-tab-span" style="white-space:pre"> </span>convener: Michiharu Wada (KEK)</span>

<span style="letter-spacing: 0.0px">11:35-12:00 **Mr. Sota Kimura (Tsukuba Univ.)**</span>

<span style="letter-spacing: 0.0px">Precision mass measurements of the proton-rich nuclei and its impact on the rp-process</span>

<span style="letter-spacing: 0.0px">12:00-12:25 **Dr. Yuta Ito (RNC)**</span>

<span style="letter-spacing: 0.0px">MRTOF Mass Measurements for Superheavy Elements</span>

<span style="letter-spacing: 0.0px">12:25-13:25 </span><span style="font-size: 12px; line-height: normal; letter-spacing: 0px;">Lunch</span>

<span style="letter-spacing: 0.0px">Session 2: Nuclear masses pt.3<span class="Apple-tab-span" style="white-space:pre"> </span>convener: Yuta Ito (RNC)</span>

<span style="letter-spacing: 0.0px">13:25-13:50 **Dr. Yasushi Abe (RNC)**</span>

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<span style="letter-spacing: 0.0px">Present status of Rare-RI Ring</span>

<span style="letter-spacing: 0.0px">13:50-14:15 **Dr. Masaki Sasano (RNC)**</span>

<span style="letter-spacing: 0.0px">Study of nuclear fission via the (p,2p) reaction at RIBF</span>

<span style="letter-spacing: 0.0px">14:15-14:30 </span><span style="font-size: 12px; line-height: normal; letter-spacing: 0px;">Coffee Break</span>

<span style="letter-spacing: 0.0px">Session 3: Free Topics<span class="Apple-tab-span" style="white-space:pre"> </span> <span class="Apple-tab-span" style="white-space:pre"> </span></span>  
</span> convener: Hirokazu Kawamura (CYRIC)</span>

<span style="letter-spacing: 0.0px">14:30-15:00 **Dr. Tetsuya Sato (JAEA)**</span>

<span style="letter-spacing: 0.0px">Measurement of the first ionization potential of lawrencium, element 103</span>

<span style="letter-spacing: 0.0px">15:00-15:15 **Dr. Hiroki Yamazaki (RNC)**</span>

<span style="letter-spacing: 0.0px">Thin film characterization using RI --- What I want to do</span>

<span style="letter-spacing: 0.0px">15:15-15:40<span class="Apple-tab-span" style="white-space:pre"> </span></span>**Dr. Masato Asai (JAEA)**</span>

<span style="letter-spacing: 0.0px">Fission studies and mass measurements for neutron-rich Fm to Lr isotopes using </span><span style="font-size: 9.3px; line-height: normal; letter-spacing: 0px;"><sup>254</sup></span><span style="letter-spacing: 0.0px">Es target</span>

<span style="letter-spacing: 0.0px">15:40-16:10 </span><span class="Apple-tab-span" style="white-space:pre"> </span>Discussion & Closing </span><span class="Apple-tab-span" style="white-space:pre"> </span>

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