

RIBF-ULIC-Symposium 「Physics of Rare-RI Ring」開催のご案内

2011年11月10日（木）－12日（土）

理化学研究所仁科加速器センター、仁科ホール

<http://indico.riken.jp/indico/conferenceDisplay.py?confId=527>

「稀少 RI リング (Rare-RI Ring)」に関する国際シンポジウムを上記の日程、場所で開催いたします。皆様の積極的なご参加を期待します。

理研 RI ビームファクトリーの大型基盤実験装置の一つである「稀少 RI リング」の製作が始まろうとしています。この機会に稀少 RI リングでどのような研究テーマが展開できるか技術的な側面も含めて議論を行います。稀少 RI リングの大きな目的は、稀少 RI の質量測定であるので、不安定核の質量測定の現状を理解し、稀少 RI リングではどの領域の測定を目指すか、など理論家も含めて議論を行います。また、寿命測定、核反応測定など、質量測定以外に稀少 RI リングで展開できそうな研究テーマについても議論します。

この国際シンポジウムは、RIBF-ULIC のサポートおよび、筑波大学プレ戦略イニシアチブのサポートを受けています。

詳細については以下の英語版の案内を参照してください。

This is the first circular of RIBF-ULIC-Symposium “Physics of Rare-RI Ring”, which will be held from November 10 (Thu) to 12 (Sat), 2011, in RIKEN Nishina-Hall. Symposium web-page is following.

<http://indico.riken.jp/indico/conferenceDisplay.py?confId=527>

1. Subjects to be discussed

Construction of Rare-RI Ring, which is one of basic big experimental-apparatus in RIKEN RI Beam Factory (RIBF), will start soon. The main purpose of the Rare-RI Ring is to measure mass of unstable nuclei

related to R-process, which are located very far from the stability. The Rare-RI Ring can also be used for life-time measurements of unstable nuclei, reaction studies for unstable nuclei with internal targets and so on. In this symposium, technical issues related to Rare-RI Ring and possible physics programs in Rare-RI Ring will be discussed. This symposium also provides good occasions to meet researchers related to storage ring and mass measurements for unstable nuclei around the world.

This symposium will be done as one of satellite workshops prior to OMEG11 (<http://indico.cns.s.u-tokyo.ac.jp/conferenceDisplay.py?confId=43>). Participants for OMEG11, who are specially interested in mass measurements and physics of storage ring, are welcome to participate this symposium.

2. Organizers:

Dr. Akira Ozawa (Univ. Tsukuba)

Dr. Takeshi Suzuki (Saitama Univ.)

Dr. Tomohiro Uesaka (RIKEN)

Dr. Michiharu Wada (RIKEN)

Dr. Masanori Wakasugi (RIKEN)

Dr. Takayuki Yamaguchi (Saitama Univ.)

Dr. Yoshitaka Yamaguchi (RIKEN)

This symposium is supported by RIBF-ULIC and Pre-Strategic Initiatives, University of Tsukuba.

3. Invited speakers from abroad:

Dr. Klaus Blaum (Heidelberg)

Dr. Peter Egelhof (GSI)

Dr. Markus Steck (GSI)

Dr. Yuhu Zhang (IMP)

Dr. Meng Wang (AMDC)

4. Call for Contributions:

Abstracts of contributed papers will be accepted. Please send one-page abstract to massring-ws@ribf.riken.jp. The deadline for the abstract submission is Sep. 30 (Fri), 2011.

Organizers can partly support travel fare and/or accommodation fee for the contributors. If the financial support is necessary, please contact to organizers.

5. Registration:

Registration fee is free. We will have ‘get-together-party’ on Nov. 11 (Fri). The fee for the party is about 3,000 yen. This fee will be charged during the symposium.

The participants of this symposium should register prior to the symposium. Registration will be done in our web-page. Please visit the following URL:
<http://indico.riken.jp/indico/conferenceDisplay.py?confId=527>

We look forward to seeing you in RIKEN in 2011.