

# RIBF ULIC Symposium/mini-WS Report

\* English only

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## Summary of discussions and its (expected) results:

Since the first beam extraction in December, 2006, experiments using RI-beam are now in progress at RIBF, the world's first full-scale RI-beam facility, of RIKEN. The data which was not able to be measured so far is being obtained favorably. It is one of the important issues to register them into international databases and to extend the use from the fundamental science to application.

In this miniWS, we have set; unstable nucleus, nuclear data, nuclear transmutation, ADS, etc. as the keywords. Not only the nuclear physics researchers but also the nuclear-data researchers and the researcher using nuclear data have given us their presentations, which helped us to share the recognition of current situation of the topics along the line of the keywords, including the circumference field and activities related with nuclear data in and outside the country.

After the presentations, we have discussed future development in the direction of nuclear data, taking advantage of the feature of RIBF which makes measurement by inverse kinematics. As the results of discussion, the consensus within the participants about the following items have been reached.

# Survey of the needs for nuclear data:

We should be aware of what kind of data are necessary in the community of nuclear data.

Use ML of ml-nucldata@rcnp.osaka-u.ac.jp more, for example.

# Possible proposal of new measurements:

Continue to discuss which mass region to attack is more significant.

Start with the measurements of important nuclei for technological/medical application.

# Strengthen collaboration:

The collaboration with Japanese Nuclear Data Measurement Network (JNDM-NET), which has been formed very recently by the JAEA members as the core, as well as with Nuclear Reaction Data Centre (JCPRG), Hokkaido University, will be strengthened.

Generate Sub Working groups for daily discussion and small meetings.

We will develop our collaboration in line with the discussion.

# Regular meeting:

Organize a meeting once a year.

The range of the subject may be similar to the present miniWS.

Participants list(Name, Affiliation):

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Please attach other documents as needed.