

Call for proposals for the joint usage/research of RCNP

Research Center for Nuclear Physics, Osaka University solicits new proposals for the joint usage/research. For extending its function as the International Joint Usage/Research Center, RCNP offers its resources for the promotion of novel researches in the nuclear physics and related fields. Resources opened for the Joint Usage/Research are summarized in three categories as follows. In addition to the listed resources, new ideas of other useful resources and the combined use of the resources are greatly welcome.

1. Use of RCNP facilities
ex. LEPS/LEPS2, Kamioka underground labs, high performance computing system, and low energy ion beams from ion sources
2. Use of RCNP properties at other institutions
ex. Ge detectors and particle detectors
3. Technical support for experiments at other institutions
ex. Muon science and detector technologies

Please contact the RCNP users' office (usersoffice@rcnp.osaka-u.ac.jp) for the detail. Information can be found on the web page:

[http://www.rcnp.osaka-u.ac.jp/Divisions/plan/UsersOffice /](http://www.rcnp.osaka-u.ac.jp/Divisions/plan/UsersOffice/)

Budgets needed for the usages and researches are assigned on the request of proponents. Budget request, accounts of expenditure should be given. The RCNP users' office helps realizing effective and flexible execution of the budget.

The results of collaborations must be reported in the form of journal papers, conference talks, or by one of publicizing methods. Authors are requested to indicate the support by the grants in RCNP international joint-usage and joint-research program in the acknowledgements. A short report should be also submitted by the end of each fiscal year during the collaboration period.

The format of a proposal is free. It should include the following common information and information dedicated for each resource. The official language is English.

1. COVER PAGE:

Title of a proposal/ Spokesperson (name, affiliation, position, email address)/

A collaborator list (name, affiliation, position)/ Running time/

Requirements for the experimental apparatuses / (Beam time and beam condition for the use of the LEPS/LEPS2 or the low energy ion beams)

2. SUMMARY OF PROPOSAL:

3. DETAILED DESCRIPTION OF PROPOSED RESEARCH:

Objectives and impacts of the experiment/ Experimental method and apparatus/

Experimental schedule/Equipment provided by the experimental group, if any/
(Estimation of the beam time for the use of the beams).

There is no charge for use of the beam and existing experimental facilities. In return, all the results obtained from the experiment should be open to public.

SUBMISSION OF APPLICATION FORM:

Address: Director Takashi Nakano

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Applications are received at any time. They are reviewed by the related reviewing committees. Please contact the RCNP Users' Office for the schedule of the committees

* Electronic submission is recommended. The format of the application should be Microsoft Word or PDF.

* If you mail the application, "Application of the International Joint Usage/Research" should be written with red letters on the envelope.