



Call for Proposals of Materials and Life Science Researches at RIKEN Nishina Center (No. 24)

May 22, 2023

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This is the call for proposals of experiments on materials and life science studies at the RI Beam Factory (RIBF) of RIKEN Nishina Center for Accelerator-Based Science (RNC).

The Program Advisory Committee for Materials and Life Experiments (ML-PAC) is being organized for the evaluation of research proposals in the fields of atomic physics, materials science, chemistry, biology, and medical research — either new proposals or continuation ones for on-going experiments — at RNC-RIBF.

Some notes for applicants are as follows:

- (1) We call for proposals of
 1. Experiments at the RIBF accelerator facilities,
 2. Beam time request for the development of experimental equipments, and
 3. Construction of large-size instrumentation whose feasibility study has been completed.

Our facilities can be used only for nonmilitary purposes.

- (2) For proposal submission,

Proposals must be written in English and contain a cover sheet that can be downloaded from the web site: <https://www.nishina.riken.jp/RIBF/ML-PAC/index.html>.

You may add free-format detailed information on the proposed experiments. You should specify a contact person, if any, who is a full-time worker at RIKEN and can be a liaison between you and RNC about your proposal.

Proposals must be submitted electronically via the following uploader:

<https://riken-share.ent.box.com/f/cefd33a5918e4c4cbb969b3d186e90c4> by June 12, 2023. The filenames of uploaded files should include the name of spokesperson. After you complete uploading, it is highly recommended to send a notification message by e-mail to ML-PAC Secretariat (mlpac-support@riken.jp). If the above uploader does not work, you might send your files as e-mail attachments to 24th_ML.sccar5gtj726vm26@u.box.com instead.

- (3) Received proposals will be reviewed in principle *on the basis of the written proposal only*. When the PAC has critical questions regarding your proposal, the PAC Secretariat will contact you during the process of proposal preview.
- (4) If you are planning to use the following facilities, you are requested to get in touch with the designated contact persons before submitting your proposal. Note that the proposals utilizing BigRIPS/SRC at the RIBF facility should be submitted to Nuclear-Physics PAC (NP-PAC).

Facility	Contact person
• GARIS:	Kouji Morimoto (morimoto@riken.jp)
• RIPS:	Aiko Takamine (icot@riken.jp)
• Other facilities in RNC-RIBF:	Atsushi Yoshida (ayoshida@ribf.riken.jp)

- (5) In principle, approved experiments are to be completed within two years. If your experiment does not finish within the period, you should submit a request for an extension of time or a new proposal.
- (6) For more information on the beam lines and the experimental facilities, please visit our web site: <https://www.nishina.riken.jp/RIBF/>.

If you have any questions, please contact the following personnel:

ML-PAC Secretariat
Nishina Center for Accelerator-Based Science
RIKEN
Hirosawa 2-1, Wako, Saitama, 351-0198, JAPAN
E-mail: mlpac-support@riken.jp

Key dates Deadline of proposal submission: June 12, 2023

The 24th ML-PAC Meeting: in June or July 2023 (TBD)