



Call for Proposals of Materials and Life-Science Experiments at RIKEN Nishina Center (No. 28)

May 2, 2025

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Director of RIKEN Nishina Center for Accelerator-Based Science

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-Science 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-scale 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/f7410f567c4d4aca84c99085c056a8e1>, by June 2, 2025. 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_desk@ribf.riken.jp).

If the above uploader does not work, you might send your files as e-mail attachments to 28th_ML.tdg5y2ga0ed72ay1@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 SRC/BigRIPS at the RIBF facility should be submitted to Nuclear-Physics PAC (NP-PAC).

Facility	Contact person
• GARIS:	Kouji Morimoto (morimoto@riken.jp)
• RIPS:	Shintaro Go (go@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 extension of period or a new proposal.
- (6) For more information on the available beams, beam lines, and experimental devices, please visit our web site: <https://www.nishina.riken.jp/RIBF/>.

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

Dr. Yousuke Kanayama
ML-PAC Scientific Secretary
RIKEN Nishina Center for Accelerator-Based Science
Hirosawa 2-1, Wako, Saitama, 351-0198, JAPAN

E-mail: mlpac_desk@ribf.riken.jp

Key dates Deadline of proposal submission: June 2, 2025

The 28th ML-PAC Meeting: in June or July 2025 (TBD)