



Call for Proposals of Materials and Life–Science Experiments at RI Beam Factory (No. 30)

September 28, 2026

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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. We recommend including basic background information and explanations so that committee members from different fields of expertise can understand the content, as proposals are solicited across a wide range of disciplines in ML-PAC. 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/68593c8536ff48a487b8023286ef9e36> by November 3rd, 2026. 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 Uploade.jewmwwohzy9o18zn@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@ribf.riken.jp) |
| ● Other facilities in RNC-RIBF: | Hideki Ueno (ueno@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: November 3rd, 2026**

The 30th ML-PAC Review: in November to December 2026 (TBD)