



## **Call for Proposals of Materials and Life Science Researches at RIKEN Nishina Center (No. 26)**

April 19, 2024

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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. Please note that due to the closure of the RIKEN Facility Office at RAL at the end of March 2023, ML-PAC will only accept proposals that use 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/27e273c919744b4b8eadc9634e14eb5b> by May 17, 2024. 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](mailto:mlpac-support@riken.jp)). If the above uploader does not work, you might send your files as e-mail attachments to [26th\\_ML.801vuhz16vkqdl7r@u.box.com](mailto:26th_ML.801vuhz16vkqdl7r@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 ( <a href="mailto:morimoto@riken.jp">morimoto@riken.jp</a> )
● RIPS:	Shintaro Go ( <a href="mailto:go@riken.jp">go@riken.jp</a> )
● Other facilities in RNC-RIBF:	Atsushi Yoshida ( <a href="mailto:ayoshida@ribf.riken.jp">ayoshida@ribf.riken.jp</a> )

- (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 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](mailto:mlpac-support@riken.jp)

**Key dates**    **Deadline of proposal submission: May 17, 2024**

**The 26th ML-PAC Meeting: in May or June 2024 (TBD)**