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Call for Proposals for the Joint-Use Program (FY2026A)

Electron Linac and Electron Synchrotron Experiments at the Electron and Photon Science Center, RARiS,
Tohoku University

The Electron and Photon Science Center, Research Center for Accelerator and Radioisotope Science (RARiS), Tohoku University, is now accepting proposals for the Joint-Use Program (FY2026, first half) using the electron linac and the electron synchrotron. The application details are as follows.

1. Application deadline and submission address

Submission by e-mail: February 9, 2026 (Mon) 23:59 (JST), deadline (must arrive by this time)

Dedicated submission address: elph-kadai@raris.tohoku.ac.jp

After completing the required fields in the PDF application form described in (2), please attach it to an e-mail and send it to the dedicated address above.

If you are applying for machine time for the first time, please consult the Users Office or an in-house researcher in advance regarding the application.

2. Application form

“Application Form for the Joint-Use Program, Electron and Photon Science Center, RARiS, Tohoku University”

Please download the latest version from the following URL:

<https://www.raris.tohoku.ac.jp/guide/mikamine/application/>

3. Proposal presentation meeting

In principle, applicants are requested to give an oral presentation of their proposal (online participation is also possible; for the radiochemistry field, the presentation may be omitted).

-Nuclear physics-related fields: February 26, 2026 (Thu)

-Other fields: February 27, 2026 (Fri)

The program will be posted later on our website.

Proposal acceptance will be decided by the Proposal Review Committee (closed session) held on February 27, 2026 (Fri) from 14:00.

For accepted proposals, we will contact you later regarding the scheduled machine time period.

The proposal validity period is one year.

4. Available beam conditions

Please refer to the following page for the beam performance of the accelerator complex at the Electron and Photon Science Center:

<https://www.raris.tohoku.ac.jp/guide/mikamine/facility-beamline/>

If you have questions regarding beam requests or facility use, please contact the Users Office.

5. Machine time periods

- RI production: April 1, 2026 – July 31, 2026 (first half)
- BST ring:
 - First half: April 1, 2026 – July 31, 2026
 - Second half: September 1, 2026 – December 25, 2026 (December operation is TBD)

Note: Due to facility renovation, we may not be able to meet expectations for second-half ring operation. If you plan to apply for the second-half program, please consult the Users Office individually in advance.

We will draft a machine time schedule based on the preferred period you provide in the application form in (2). Please fill it in as specifically as possible.

Please understand that, if many requests overlap, the schedule may not match your preferred dates.

6. Notes

Accelerator operation is arranged in 12-hour shifts. If you would like to use the experimental room for preparation, background measurements, etc., before or after beam operation, please state this in the application form.

Proposals will be reviewed by field, and accepted proposals are valid for one year.

In principle, both the proposal presentation meeting and the review committee meeting will be held in person. If this is difficult for you, please consult the Users Office.

Those who are not registered as radiation workers at their home institution by the start of the experiment are not allowed to participate.

Machine time may be canceled due to accelerator troubles. While we will make every effort to adjust compensation as much as possible, it may be postponed to the next term depending on circumstances.

Presentation of results after the experiment

We ask that results from accepted proposals be made public. For details, please see:

<https://www.raris.tohoku.ac.jp/guide/mikamine/achievement/>

Temporary suspension of the Joint-Use Program due to facility renovation

The Mikamine site of the Research Center for Accelerator and Radioisotope Science, Tohoku University, plans to temporarily suspend the Joint-Use Program in FY2026 due to facility renovation. The planned accelerator shutdown periods are as follows:

1st Experimental Room: September 2026 – May 2029

2nd Experimental Room: January 2027 – May 2029

Accordingly, the Joint-Use Program is planned to accept applications through the first half of FY2026 for

radiochemistry, and through the second half of FY2026 for particle and nuclear physics. The resumption of the Joint-Use Program is planned for the first half of FY2029.

Updates will be posted on our website as needed.

Contact

Electron and Photon Science Center, Research Center for Accelerator
and Radioisotope Science

Users Office: usersoffice_at_Ins.tohoku.ac.jp

Website: <https://www.raris.tohoku.ac.jp/facility/mikamine/>