

FY 2025, 1st Application Guide for Shared Use Program of JAEA Facilities

Japan Atomic Energy Agency

Japan Atomic Energy Agency (JAEA) has established the Shared Use Program of JAEA Facilities to offer a wide range of opportunities for the use of its facilities and equipment upon application. JAEA welcomes applications for the use of its facilities and equipment based on the program's policy outlined below.

1. Period of use

Use will be open for FY 2025(April 1, 2025, to March 31, 2026). And the following facilities will be limited for short period of use.

- (1) For the Large Synchrotron Radiation Facility (SPring-8), the period shall be from April 1 to September 30, 2025.

※Other facilities may be available for different periods of time due to periodic inspections. Please consult with the person in charge of the facility for details.

2. Due date of application

Please send the application form to the Intellectual Property and Industry-Academia Collaboration Section, Research and Development Promotion Department, Japan Atomic Energy Agency by Saturday, November 30, 2024.

Applications for the use of the Naraha Remote Technology Development Center (Mock-up Test Facility) and the Fukui Smart Decommissioning Technology Demonstration Base are accepted at any time throughout the year. Applications of General Use Proposals (Non-proprietary Research) for other facilities submitted outside of application period require submission of the statement of reasons.

3. Accessible facilities

Please refer to “Facilities and Contact Information”
However, the following facilities are not operation or their use is restricted..

- (1) The operation plan for the research reactor (JRR-3) for FY2025 is currently under consideration. We will announce the operation plan as soon as it is finalized. The number of operation days per cycle of JRR-3 is 25 days.

For general inquiries, please visit the JRR-3 website. (<https://jrr3.jaea.go.jp/jrr3e/index.htm>)

- (2) For the experimental reactor Joyo at the Oarai Nuclear Engineering Institute can only be used for post- irradiation examination in FY2025. Any inquiries, please contact o-arai.syousya@jaea.go.jp .

Before making an application, prospective applicants are required to hold a technical pre consultation with the JAEA staff in charge of the facility and equipment they wish to use.

4. Classification of projects

There are two types of R&D projects: those intended to publication and those that are to be treated as confidential. (Excluding Naraha Remote Technology Development Center.)

A. Non-proprietary Research

Projects for which applicants plan to publish their results will be reviewed by a technical committee. Applicants are requested to submit a project report to JAEA and publish the project results in academic journals or other means of communication within a specified period. Please refer to Section 11 and Section 2 for details.

B. Proprietary Research

The applicant who wishes to make their results confidential should contact the [person in charge](#) in advance if they have any concerns regarding confidentiality or other related matters.

5. Qualifications

Applicants are required to be researchers or related parties engaged in research at universities, technical colleges, public research institutions, private enterprises, and other research and academic institutions. Students are excluded.

6. Review of application

A. Non-proprietary Research

The submitted documents will be reviewed by the Technical Committee from a technical and comprehensive perspective regarding the scientific validity of the project, the necessity, feasibility and safety of the use of JAEA facilities and equipment and past achievements made by the applicant and project members using our facilities and equipment.

B. Other Projects

The feasibility and the safety of the experiment will be confirmed at each facility.

7. Application method

Fill out the Application Form and submit by email or mail to the specified address.

Email: renkei.shisetsu@jaea.go.jp

Please refer to the notes regarding “Remarks” about export control at the end of this guide.

The application form and instructions for filling it can be downloaded from the website. (<https://tenkai.jaea.go.jp/facility/3-facility/05-support/jaea-facilities-eng.html>).

To apply to the following facilities, please use the link as below;

JRR-3 *Japanese only	https://jrr3uo.jaea.go.jp/information/information_06.htm
Tandem Accelerator	https://ttandem.jaea.go.jp/index-eng.html
Naraha Remote Technology Development Center	https://naraha.jaea.go.jp/en/index.html

[Restriction on multiple applications]

- Applicants are asked not to apply for permission to use JAEA facilities or equipment in this program, if they have applied for permission to use the same facilities or equipment in program offered by another organization in the same year.
- If an applicant falls under the above criteria and wishes to apply for this program, please fill in the relevant information on Form 4 and attach a copy of the application form.

8. Notification of review results

The results announced in February 2025.

9. Terms and conditions of facility use

Users of the JAEA facilities are requested to comply with [Term of Use of JAEA Facilities](#). Please make sure you understand the contents before applying.

For users of non-proprietary project using SPring-8 results, special clauses will be added. Please refer to Section 15.

10. Usage charge

The facility usage fees vary depending on the project as follows.

		Usage charge (total)		
Non-proprietary Research	General projects	Handling fee (¥13,300/use)*	Basic charge **	<ul style="list-style-type: none"> • Additional expenses, if required • Costs for radioactive waste disposal if required.
Proprietary Research	General projects		General charge	

* ¥900/use for the Naraha Remote Technology Development Center.

** The basic charge is the costs for consumables and waste disposal

However, regardless of above table, “General charge” is applied for applications from overseas (excluding non-proprietary Research), “General charge (with special measures)” is applied for the Naraha Remote Technology Development Center.

For more details, please refer to the List of Charges. In addition, the usage charge may be revised without a notice by review of expense rates etc.

11. Project report

The applicant of a project non-proprietary research kindly requested to submit a project report within 60 days from 1st April of the year following the JAEA fiscal year which the user used the facility (= until May 30,2026).

If the report is not submitted, another usage (=Proprietary research) fee will be applied. Due to this reason, the difference usage cost will be charged.

The applicant is requested to describe in the project report, plans for presenting the results by journal publication or other means of communication, and the expected numbers of forthcoming dissertations based on the research conducted by using the JAEA facilities (if relevant).

12. Publication of the results

In order to further develop and enhance JAEA's facility service system, it is necessary to disseminate the research results obtained using this system to society and to contribute to future human resource development. The applicant of a project non-proprietary research is kindly required to publish the research results by presenting a paper or other means* within two years from April 1 of the fiscal year following the fiscal year(= until March 31,2028).

If the results are not made public, another usage fee will be applied. Due to this reason, the difference usage cost will be charged. This may affect the approval of the project and the allocation of machine time if you wish to use JAEA facilities in the future.

*Journal Article/Research Paper, Review, Proceedings, Book, Magazine, In-house Newsletter, Conference, Meeting, Workshop, Symposium, Lecture, Meeting, Debriefing Session, Press Release, Patent Pending, etc....

When the applicant publishes the results of this research in a paper or other publication, please clearly state that the research was conducted under the JAEA's facility use program such as;

This work was performed under the Shared Use Program of JAEA Facilities.

As soon as you have published your research result, please submit "Publication of the Results Notification Form " as well as the copy of your publication document/presentation material promptly. We will compile parts of these notifications and publish on the JAEA website.

However, for applicants who use the large synchrotron radiation facility (SPring-8), the Japan Synchrotron Radiation Research Institute (JASRI) requires that you publish a peer-reviewed paper or other document clearly stating that you used SPring-8 within three years of the end of the project implementation period, and that you register it in the " SPring-8 database" The requirements for non-proprietary research projects using JAEA-exclusive experimental equipment also apply.

For details, please refer to "[Call for SPring-8 research proposal](#)".

If the above requirements of JASRI are met within two years from the end date of the facility use, it also meets JAEA requirements.

In addition, the patent application does not meet the SPring-8 results publication requirements.

13. Intellectual properties

If the applicant wishes to file a patent or other form of intellectual property on a scientific results obtained by using the facility of this program, he or she should consult with the staff members in charge of the project. The licensing of rights to intellectual properties shall be subject to the terms and conditions of the facility use contract.

14. Upcoming application period

Applications for FY2025 (second half) will be accepted around May 2025.

15. Other

- The applicant for the selected project will be required to submit the necessary documents. The required documents vary depending on the facility, please contact the person in charge..

- Even if the project is adopted, it may not be possible to implement the project due to equipment failure or other facility circumstances, or the timing of implementation may change, however JAEA cannot guarantee it.
- If the use of the facility is canceled due to the convenience of the facility. please apply again in principle. In that case, we will consider it if it is stated to that effect in the remarks column.
- JAEA does not cover travel costs. It will be borne by the user.
- The personal information you provide will be used only for the use of the facility. Please note that information such as the title and representative of the selected project may be introduced on the JAEA website and publications.
- For Non-Proprietary Proposals at SPring-8, an Experiment Summary Report must be submitted to JASRI within 60 days after the end of the experiment period Proposals for the use of JAEA's experimental equipment at SPring-8 will be carried out as part of the "Advanced Materials Research Infrastructure" projects commissioned by the Ministry of Education, Culture, Sports, Science and Technology. The data obtained will be released after a certain period of time in accordance with the Organization's data policy. There are plans to make arrangements and improve the environment regarding data handling methods. Please cooperate in the promotion of this program.

The details are as follows;

【Advanced Materials Research Infrastructure】

<https://arim.jaea.go.jp/eng/index.html>

【Basic Policy on the Handling of Research Data of Japan Atomic Energy Agency】

※Japanese only

https://www.jaea.go.jp/about_JAEA/data_policy/policy.pdf

【Approach to Data Handling in Advanced Research Infrastructure for Materials and Nanotechnology】

<https://arim.jaea.go.jp/eng/usage/application/jaeaarimclause.pdf>

For inquiry about "Advanced Materials Research Infrastructure" directly contact the following.

Research Co-ordination and Promotion Office, Materials Sciences Research Center

TEL : 070-1456-9348

Email: harima-usersoffice@jaea.go.jp

Contact information and address for submission of application

4-49 Muramatsu, Tokai-mura, Naka-gun, Ibaraki 319-1112
Intellectual Property and Industry-Academia Collaboration Section
Research and Development Promotion Department
Japan Atomic Energy Agency
TEL: +81 29 282 0251
Email: renkei.shisetsu@jaea.go.jp

Remarks

The following cases may be subject to export control.

(1) Sending back samples and equipment (e.g. measuring instruments, handmade experimental instruments) brought in by a foreign user of JAEA facility (non-resident) for joint research and other purposes.

When JAEA sends back such items directly to foreign countries upon agreement between JAEA and a foreign user, export control procedures must be followed based on the internal rules of JAEA.

Depending on the items to be sent, permission of the Ministry of Economy, Trade and Industry is required. As there are cases where it takes substantial period of time for the permission to be granted, please allow enough time for the necessary procedures in order to avoid inconveniences arising in the research schedule. Please consult with the International Affairs Department of JAEA if the export control classification is difficult due to complicated specifics of the samples, equipment, etc.

(2) Provision of data obtained through experiment and samples to non-resident foreigners

For sending data (except those in the field of basic scientific research) obtained through experiment, samples, etc. to the foreigners (non-resident) by a user of JAEA facility belonging to a Japanese research institute other than JAEA, there are cases where export control procedures must be taken. In such cases, please go through procedures required in such Japanese research institute appropriately.

(3) Foreigners' taking out data obtained through experiment or samples to their own countries

Please note that non-resident foreigners' taking out data (except those in the field of basic scientific research) obtained through experiment, samples, etc. abroad, he or she must observe the Foreign Exchange and Foreign Trade Control Act of Japan.