

ISSP Supercomputers Usage Policy

Acted on Aug. 2nd, 2013.

Revised on Feb. 3rd, 2014.

Revised on Aug. 2nd, 2019.

Revised on July 31st, 2020.

Revised on Jan. 28th, 2022.

Revised on Aug. 5th, 2022.

Revised on Jan. 27th, 2023.

Please ensure you read these rules before using the supercomputers (including applications).

By registering and applying to use the system provided by the Supercomputer Center of the Institute for Solid State Physics of the University of Tokyo (hereinafter referred to as "the Center"), you agree to the following conditions.

1. Eligibility for Application to a Leader of a Joint Usage Project

Faculty members, researchers, and employees of similar rank at national/public universities in Japan, private universities in Japan, and national/public research institutes in Japan (hereinafter referred to as "the Universities, etc."), who are engaged in research related to condensed matter physics and material science, are eligible to apply to become a Project Leader. However, graduate students, etc., are ineligible to apply.

As a general rule, any residents who fall into the Specific Categories are not eligible to become a Project Leader (see below for the definition of "residents who fall into the Specific Categories"). However, if they are employed by the Universities, etc., the Center may permit them to apply.

About residents who fall into the Specific Categories

If residents are influenced by foreign governments, foreign corporations or foreign universities by contracts, or are under the influence of foreign governments by economic interests, they fall under the Specific Categories. Before applying for the joint usage project, applicants should consult the export control office in their institution or the Center, and should take proper actions based on the law.

2. Eligibility for Joint Usage

Each Project Leader can form a research group for their own joint usage project and add those who are eligible to use the system provided by the Center as group members (hereinafter referred to as "Collaborators"). Project Leaders and those who are eligible to apply for a Project Leader can become Collaborators. Graduate students who conduct research under the guidance of faculty members in Universities, etc. are also eligible to use the system as Collaborators on a project. (Undergraduate students are not eligible to become Collaborators.)

As a general rule, non-residents and residents who fall into the Specific Categories are not permitted to use the system (see below for the definition of "non-resident"). However, those who satisfy one of the followings may be permitted to use the system.

- Graduate students and researchers affiliated with the Universities, etc. who are non-residents and who are expecting to be granted residency within six months.
- Residents who fall into the Specific Categories and who belong to the Universities, etc.

About non-residents:

The determination of residency is subject to Foreign Exchange and Foreign Trade Act. For example, researchers to whom any of the below-mentioned conditions apply will not be permitted to use the system.

- Japanese nationals living overseas who have an employment relationship with an overseas university, etc.
- Foreign nationals who have been in Japan for less than six months. However, those who have an employment relationship with the Universities, etc. are treated as residents and allowed to use the system.

3. Usage Period

With the exclusion of system downtime for maintenance or other reasons, users may use the system anytime during the usage period as determined after project approval.

Following completion of the usage period, data on disk will be preserved for six months, after which time all files and registered users will be deleted by the Center. In addition, regardless of the above, all files on disk will be subject to deletion by the Center when system operation terminates.

4. Usage Classification

Project Leaders should select and apply for an appropriate class (A, B, C, D, E, and S classes), depending on the required scale of computation and urgency of their proposal. The limitations for each class are determined elsewhere.

5. Application for Joint Usage

Applicants for a Project Leader must register with the Center and submit a research proposal for the purpose of using the system. Applications must be submitted via the Center's online application system during the application acceptance period.

6. Usage Fees

As a general rule, the Center does not charge fees for use of the system.

However, depending on usage levels, the Center may request that users pay for consumables and other expenses.

System users can execute programs and utilize disk area by spending the points allotted when the application project is approved.

7. About Accounts

Users must properly manage their computer system accounts and passwords to prevent unauthorized use.

Users shall not allow third parties to use their accounts.

Users shall not utilize the computer system for matters unrelated to their affiliated project.

8. Activity Reports

Once the project has been completed, the Project Leader is required to submit an activity report in the format specified by the ISSP. However, there is no need to submit an activity report for Class A projects.

9. Publication of Research Results

Users who publish research results, etc., that were generated by using the supercomputer system must clearly state in the paper that they utilized the Center's computer system. As a general rule, activity reports will be publicly released and possibly used for the Center's public relations, etc. However, upon request from the Project Leader, publication may be postponed.

Examples of Acknowledgment statements:

Ex.1) The authors thank the Supercomputer Center, the Institute for Solid State Physics, the University of Tokyo for the use of the facilities.

Ex.2) The computation in this work was performed using the facilities of the Supercomputer Center, the Institute for Solid State Physics, the University of Tokyo.

10. Regarding Intellectual Property Rights

In principle, the intellectual property rights are held by the institution with which the user is affiliated. However, in cases where the intellectual contribution of a researcher from the University of Tokyo is acknowledged, the way in which the relevant inventions, etc., should be protected shall be discussed separately with the University of Tokyo. In addition, in cases where profit is expected to be generated through the utilization of said intellectual property rights, the holder of said intellectual property rights and the University of Tokyo shall separately discuss the payment of compensation for the contribution of the facilities of the University of Tokyo. In the case of intellectual property rights granted on the basis of research conducted by way of Joint Usage at the Center, one copy of the application documents should be sent to the ISSP Joint Usage Division.

11. Disclaimer

The Center assumes no responsibility or liability for any damages incurred by the user as a result of using the computer system, or for any other damages incurred in connection with the computer system. In addition, in the event of natural disasters or other unavoidable circumstances, the computer system may be shut down without prior notice to users.

(Translated from the original Japanese text approved by the ISSP Supercomputer Joint Usage Committee on January 27th, 2023)