

*Institute of Fluid Science, Tohoku University*  
*Application Guideline for Dispatch Program*  
*"Space Studies Program 2022 - International Space University (SSP-ISU 2022)"*

As an international research and education center of fluid science, the Institute of Fluid Science has promoted the development of young researchers who will be the global leaders in flow dynamics in the future. Every summer, Space Studies Program - International Space University (SSP-ISU) has the original educational program that approximately a hundred leading young researchers and students from 30 countries worldwide participate in, and it has the same educational concept as ours.

Institute of Fluid Science has been dispatching many students and young researchers to SSP-ISU since 1990, in cooperation with the Fluid Science Foundation, the 21st Century COE, and Global COE programs. To date, we have dispatched 30 students (including 5 females). Currently, 30 alumni were graduated from Tohoku University and are working for universities (7), JAXA (6), AIST (1), overseas space technology organizations (1), and private companies (15, including 3 in the space industry). They have made great achievements internationally.

1. Eligibility

- As of April 1, 2022, a Doctoral course student whose supervisor is a faculty member of the Institute of Fluid Science or Division of Mechanical Engineering, Tohoku University.

or

- As of April 1, 2022, a Doctoral course student whose supervisor is a project member of Aerospace Interdisciplinary Research Center (AIRC), Tohoku University.

<http://aerospace.gp.tohoku.ac.jp/>

or

- Assistant Professor or Post-Doctoral Researcher who belongs to Institute of Fluid Science, Tohoku University.

2. Number of people dispatched: a few

3. Support from the Institute of Fluid Science

(1) Participation fee of SSP-ISU 2022

(2) Round-trip discounted economy class flight ticket and train fee

(3) Travel insurance fee

(4) Other necessary expenses (if needed: e.g., visa application fee)

Supplementary note:

After the selection, the dispatch student/researcher is required to apply for any other scholarship programs in addition to the support provided by this SSP-ISU 2022 dispatch program.

<Examples>

- ISU scholarships: <https://www.isunet.edu/admissions/>

- Tohoku University's support programs for study abroad:

<https://www.insc.tohoku.ac.jp/japanese/studyabroad>

<https://www.insc.tohoku.ac.jp/japanese/preparing/scholarship/tobitate/>

4. Obligation

(1) The dispatch student/researcher must make an application for SSP-ISU 2022 and other

scholarship programs by themselves. They must also make travel procedures by themselves.

(2) The dispatch student/researcher must have a travel insurance during SSP-ISU. Tohoku University is not liable for accidents such as injury or illness that occurred during SSP-ISU.

(3) After the SSP-ISU 2022, the dispatch student/researcher must submit a report (Japanese / English) in the given format. The report will be published in a publication or website later.

(4) After the SSP-ISU 2022, the dispatch student/researcher must hold a seminar on International Space University (Report of SSP-ISU 2022 and Guidance for SSP-ISU 2022).

(5) The dispatch student/researcher must participate in activities related to the promotion of the SSP-ISU dispatch program.

## 5. Application

Applicants are required to submit (1) the application form, and (2) the recommendation letter from their supervisor, in PDF format to the following e-mail address with CC to their supervisor.

- Application deadline: Tuesday, March 15, 2022
- E-mail: gcoreoffice (at) grp.tohoku.ac.jp \*Please replace (at) to @\*
- To: GCORE office, Institute of Fluid Science, Tohoku University (Phone: 022-217-5301)
- Website: [http://www.ifs.tohoku.ac.jp/spaceprog/ISU\\_index.html](http://www.ifs.tohoku.ac.jp/spaceprog/ISU_index.html)

## 6. Selection

The application forms and recommendation letters are reviewed, and the interviews are conducted if necessary. The results will be notified to the applicants immediately by e-mail after the selection is completed.

## 7. Notes

- (1) If the SSP-ISU admission is not accepted by ISU, the support from this SSP-ISU 2022 dispatch program will be canceled.
- (2) If you are awarded or scheduled to be awarded "Research Fellowship for Young Scientists" from Japan Society for the Promotion of Science (JSPS), any other scholarships, or hired as a research assistant, etc., contact the applicable offices of your scholarships before applying for this SSP-ISU 2022 dispatch program.

## 8. <Space Studies Program 2022 – International Space University (SSP-ISU 2022)>

- Venue: Portugal Space and the Instituto Superior Tecnico (IST) Taguspark Campus, OEIRAS, PORTUGAL
- Period (On-site program): from June 27 to August 26, 2022 (9 weeks)
- ISU Website: <https://www.isunet.edu/ssp/>

\* SSP-ISU 2022 will have a hybrid format. If the COVID-19 situation restricts traveling overseas, you will be able to participate online. (Online program from June 27 to August 5, 2022, in the first six weeks of the on-site program)