

Tohoku University Graduate School of Engineering Faculty Recruitment

Number of positions and Job title: One position open for an associate professor

Starting date: No sooner than April 01, 2027

Employment status: Full time

Term of office: Tenure position

Division: Engineering of Accelerator and Reactor Systems, Department of Quantum Science and Energy Engineering

Main subjects in charge: Reactor physics, Reactor core design, Nuclear criticality safety, Neutron engineering, Nuclear fuel engineering

Duties: Successful candidates will be engaged in research and education in relation to the subjects above, as well as the administration of the school and the department

Required qualifications and conditions:

Applicants must hold a doctoral degree and possess a strong motivation to pursue innovative research in the specialized fields mentioned above. Preference will be given to candidates capable of promoting research that leverages major nuclear facilities across Japan. Furthermore, the successful candidate is expected to be deeply committed to human resource development in the nuclear field, including the international collaborative initiatives currently led by our department.

Compensation:

Annual salary system (according to the rules of Tohoku University)

Transportation, housing, and dependent allowances may be provided depending on conditions.

Work hours:

The discretionary labor system for professional work shall apply.

Flexible Work Hours: The standard working hours are 8:30 to 17:15, but the actual working hours are at the discretion of each employee.

Holidays:

Saturdays, Sundays, National Holidays, New Year's Holidays (Dec. 29 - Jan. 3)

Insurance:

Admission into the Mutual Aid Association of MEXT, Unemployment Insurance, Worker's Compensation Insurance

Application materials

- (1) Curriculum vitae (with a photo attached; educational background should include high schools and higher)
- (2) List of research achievements (Peer-reviewed research papers, invited presentations, academic presentations at international conference, patents, books, reviews, awards. Include research performance indices such as total citation numbers and h-index (indicate databased used).
- (3) Five primary research papers (with their citation numbers)
- (4) Aspirations for research and education (should be around 1000 words)
- (5) Other related matters (list of competitive research funding obtained, awards, patents, and so on)
- (6) Contact information of references (two persons): Name, name of institution, position title, telephone number, and email address

Application deadline: August 31, 2026.

Address to which applications should be sent:

The applicants should submit their application by mail or e-mail the above documents to the following address. In the case of an e-mail, all documents should be in PDF format.

Professor Shigeo Matsuyama

Graduate School of Engineering, Tohoku University

Aramaki aza Aoba, Aoba-ku, Sendai, Miyagi, Japan

Postal code 980-8579

E-mail: head-qse@grp.tohoku.ac.jp

Application documents will not be returned.

Contact details:

Department Head Office

Department of Quantum Science and Energy Engineering

Graduate School of Engineering, Tohoku University

E-mail: head-qse@grp.tohoku.ac.jp

Remarks:

- We may ask you to make a presentation during the selection process.
- Tohoku University promotes activities to increase Diversity, Equity and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university.

Tohoku University's website about the DEI Declaration is here:

<https://dei.tohoku.ac.jp/vision/about/>

- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on impartial evaluation.
- Tohoku University has published 'Tohoku University-Live as Who You Are-Guidelines for Gender and Sexual Diversity' to provide explanations and details of how those at the university should respond with respect to diverse sexuality. The purpose of the guidelines is to create an environment in which all students, faculty, and staff respect diverse sexuality in their academic, research, and professional activities.

Please see the Tohoku University Center for Gender Equality Promotion website:

https://dei.tohoku.ac.jp/wp-content/uploads/2023/10/EN_GuideLine.pdf

- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working at Tohoku University Hospital. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees
- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality, including measures to promote childcare leave among male employees.

Center for Diversity, Equity, and Inclusion, Tohoku University Website:

https://dei.tohoku.ac.jp/vision/consulting/for_family/

Human Resources and Planning Department website:

<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>