

TOHOKU UNIVERSITY FACULTY POSITION

Call for Applications: Professor

The Department of Computer and Mathematical Sciences invites applications for a tenured faculty position at the Full Professor level.

The successful candidate will be affiliated with the Applied Mathematics Science Section within the department. This position seeks applicants who can lead advanced research projects in a broad range of areas within robotics based on artificial intelligence (AI) and applied mathematics, including, but not limited to, perception, learning, control, and motion and behavior generation. We welcome applications from individuals who demonstrate strong motivation to pioneer and advance cutting-edge research fields and who possess substantial experience and a proven research record in the relevant areas.

The appointee will be responsible for education at both the undergraduate and graduate levels, as well as for supervising research leading to master's and doctoral theses. Educational and research activities will be conducted in collaboration with the four departments (Mechanical Systems Engineering, Finemechanics, Robotics, and Aerospace Engineering) of the Division of Mechanical Engineering. The appointee will also supervise graduation research and teach courses for students in the Department of Mechanical and Aerospace Engineering of the School of Engineering. The successful applicant will be employed as a faculty member of Tohoku University, a Japanese National University Corporation. Nationality is not restricted.

Affiliation: Applied Mathematics Science Section, Graduate School of Information Sciences, Tohoku University

Workplace: Aobayama Campus, Tohoku University (Mechanical Engineering area)

Appointment Start Date: April 1, 2027 or thereafter

Term of Appointment: No fixed term (subject to the prescribed retirement age)

Working Hours: Discretionary labor system for specialized work (deemed working hours: 7 hours 45 minutes per day)

Holidays: Saturdays, Sundays, national holidays, year-end and New Year holidays (December 29 to January 3)

Salary: Annual salary system (in accordance with Tohoku University salary regulations) Additional allowances—such as commuting, housing, and dependent allowances—may

be provided in accordance with regulations.

Social Insurance: Enrollment in National Public Service Personnel Mutual Aid Association, Employment Insurance, Industrial Accident Compensation Insurance

Qualifications: Applicants must hold a Ph.D. degree.

Application Materials:

- (1) Curriculum Vitae including research and teaching history.
- (2) List of research achievements [peer-reviewed journal articles (mark the corresponding author, if applicable), full-text reviewed international conference papers, other international conference papers, reference papers (other than those mentioned above), invited lectures, books, articles, patents, awards, research funding (whether as a representative or a contributor), activities in academic and social societies, other special items].
- (3) Copies of five representative papers and a brief description (approx. 250 words) of each paper.
- (4) Future prospects regarding education and research (approx. 1000 words).
- (5) Names, affiliations and E-mail addresses of five persons who can evaluate his/her ability and personality.
- (6) If applicable, a statement describing any career interruptions due to childbirth, childcare, caregiving, or other personal circumstances.

All application materials will be appropriately destroyed after the selection process.

Submission Deadline: Friday, April 24, 2026

Selection Process

Document screening, followed by an interview if shortlisted (the interview may be conducted online).

Submission Address

Graduate School of Information Sciences, General Affairs Section

E-mail: is-kobo@grp.tohoku.ac.jp

Subject: "Application for Professor (Applied Mathematics Science)"

Please compile all materials into a single ZIP file (or similar), upload it to a cloud storage service, and send us the download link. Please do not modify the files after submission.

If you do not receive confirmation within one week, please call the General Affairs Section at +81-22-795-5813.

Inquiries

Graduate School of Information Sciences, General Affairs Section

E-mail: is-kobo@grp.tohoku.ac.jp

Remarks: Tohoku University's DEI Initiatives

Tohoku University actively promotes diversity, equity, and inclusion (DEI) and welcomes applications from a wide range of individuals.

☞ Tohoku University Declaration of Diversity, Equity and Inclusion (DEI)

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

☞ In accordance with Article 8 of the Act on Equal Opportunity and Treatment between Men and Women in Employment, we give preferential consideration to female applicants when qualifications and abilities are equivalent.

☞ We have established the “Tohoku University—Live as Who You Are—Guidelines for Gender and Sexual Diversity” to set out both our policy and concrete measures aimed at creating an environment in which students and faculty/staff can carry out their studies, research, and duties with respect for diverse gender identities.

☞ Center for Diversity, Equity, and Inclusion (DEI Center)

Website: https://dei.tohoku.ac.jp/en/support_program/consulting_for_minority/

☞ Childcare facilities available to all faculty and staff include Kawauchi Keyaki Nursery (capacity 22) and Aobayama Midori Nursery (capacity 116), plus Hoshino-ko Nursery (capacity 120) for hospital staff—the largest on-site childcare among Japanese national universities. A sick-child care room is also available.

For details on work–life balance support (including paternity leave measures) and research support, see following websites:

Center for Diversity, Equity, and Inclusion (DEI Center):

https://dei.tohoku.ac.jp/en/support_program/consulting_for_family/

Human Resource Department:

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