

TOHOKU UNIVERSITY
Recruitment for Assistant Professor Position

1. Number of positions and job title: One open position, Assistant Professor
2. Affiliation: Smart System Integration Laboratory, Nanosystem Group, Department of Robotics
3. Job description: Smart System Integration Laboratory is engaged in experimental and theoretical research on varieties of technologies for smart systems, such as MEMS (Micro Electro Mechanical Systems), acoustic wave devices, piezoelectric devices, piezoelectric thin films, wafer-level packaging and device integration. This position is open to individuals who are enthusiastic and cooperative in education and research related to the smart systems, and who are willing to take on the challenge of pioneering research on the smart systems, especially acoustic wave devices and high frequency MEMS. A successful candidate is expected to set up innovative research projects by himself/herself or in collaboration with other researchers of the groups. Responsibilities will include teaching at both undergraduate (Division of Mechanical Engineering) and graduate (Graduate School of Engineering) levels, and directing research projects, which will lead to MS and Ph.D. theses.
4. Starting date: After October 1, 2024
5. Term of employment: 5 years (There is a renewal chance for another 5 years.)
6. Required qualifications and conditions: The applicants must hold a doctoral degree or have a plan to obtain a doctoral degree before the hiring starts. Profound knowledge of Japanese or English language, written and spoken, is also required.
7. Documents required for application:
 - (1) Curriculum vitae including photograph and contact information
 - (2) List of research achievements [full-text peer-reviewed journal papers (mark the corresponding author, if applicable), full-text peer-reviewed international conference papers, other international conference papers, reference papers (other than those mentioned above), invited lectures, books, articles, patents, awards, research fundings (whether as a representative or a contributor), activities in academic societies and society, other special items].
 - (3) Future prospects regarding education and research (about 500 words for each)
 - (4) Copies of three representative papers and a brief description of each paper (about 200 words for each)
 - (5) Names, affiliations, telephone numbers and e-mail addresses of persons who can evaluate the applicant's abilities and personality

8. Application deadline: June 7 (Friday), 2024

9. Address for sending application documents:

E-mail: mems@tohoku.ac.jp

6-6-01 Aramaki Aza Aoba, Aoba-ku, Sendai, 980-8579, Japan

Shuji Tanaka, Professor, Department of Robotics, Graduate School of Engineering,
Tohoku University

Please send application documents via an email to the above address with the subject line
“Application documents for a faculty position at Microsystem Integration Laboratory.”

The application via a simple registered mail is also accepted. The Application documents
will not be returned.

10. Contact for further information:

Shuji Tanaka, Professor, Department of Robotics, Graduate School of Engineering,
Tohoku University

E-mail: mems@tohoku.ac.jp, Phone: +81-22-795-6934

Remarks:

- 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:

<http://tumug.tohoku.ac.jp/dei/>

- 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 Center for Diversity, Equity, and Inclusion, Tohoku University website:
http://tumug.tohoku.ac.jp/tu_guideline_rev2-2/
- 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.