

TOHOKU UNIVERSITY

Recruitment for Associate Professor Position

1. Number of positions and job title: One open position, Associate Professor
2. Affiliation: Fluid Mechanics Group, Department of Mechanical Systems Engineering
3. Job description:

The Fluid Mechanics Group is engaged in research on fluid mechanics that contributes to invention of innovative manufacturing methods and accident/disaster prevention, while focusing on the elucidation of multiphysics phenomena related to flow, and heat and mass transports. This position is open to individuals who are enthusiastic and cooperative in education and research, and who are willing to take on the challenge of pioneering new fluid energy applications that include fundamental studies in thermofluid physics. 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 January 1, 2025

5. Required Qualifications and Conditions:

The applicants must hold a doctoral degree in an appropriate field. Profound knowledge of the Japanese or English language, written and spoken, is also required. The position is open to any candidate who fulfills the listed academic requirements, regardless of gender or nationality. The successful applicant, of Japanese or non-Japanese nationality, will become a Japanese National University Corporation employee and will be paid accordingly.

6. Selection method: After screening of documents, an interview will be conducted.

7. Documents required for application:

- (1) Curriculum vitae including photograph, contact information, and research and teaching history
- (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
- (4) Copies of five representative papers and a brief description of each paper
- (5) Names, affiliations, telephone numbers and e-mail addresses of three persons who can evaluate the applicant's abilities and personality.

8. Application deadline: 23:59 JST, June 30, 2024.

9. Address for sending application documents:

Please send application documents via an email to "mech-recruit@grp.tohoku.ac.jp" with the subject line "Application documents for a faculty position at Fluid Mechanics Group in Department of Mechanical Systems Engineering". Application documents will not be returned.

For further information, please contact:

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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.