

TOHOKU UNIVERSITY FACULTY POSITION

1. Job type: Assistant Professor
2. Work location: Fracture and Reliability Research Institute, Graduate School of Engineering, Tohoku University, 6-6-11 Aobayama, Aoba-ku, Sendai, Miyagi 980-8579, Japan. URL: <http://www.miura.rift.mech.tohoku.ac.jp>
3. Qualifications:
 - (1) Applicants are required to be female with foreign nationality
 - (2) Applicants are required to have or will have a doctoral degree or Ph.D. prior to the appointment date.
 - (3) Applicants must have the ability of Japanese language for education of undergraduate students, and have the ability of English language for education of graduate students.
4. Starting date: April 1, 2018 or as close as possible.
5. Employment status: Full-time, Nontenured. 3-year term without re-appointment
6. Job details (duties, subject responsible for, etc.)
 - (1) Research on the atomic-scale analyses of functions and reliability of advanced materials. In particular, the first principles calculation of the defect-induced change of functions of various materials
 - (2) Support of education for undergraduate students in the department of mechanical and aerospace engineering (in Japan), and for graduate students in the department of finemechanics (URL: <https://www.mech.tohoku.ac.jp>)
7. Application Materials:
 - (1) Curriculum Vitae (free format with an attached photo), including name, birth date, present address, contact information (e-mail, phone etc.), educational background since the graduation of high school, employment career, the title of Doctor thesis (with date and organization), rewards and punishments, and so on.
 - (2) List of accomplishments and achievements (original papers, books, reviews and others). The papers must be specified according to with/without peer review. The corresponding author of each paper should be indicated. If the publication is in press, attach the certification of the publication.
 - (3) Offprints or photocopies of representative publications (three representative papers).
 - (4) Description of research achievements and future research plan (about 2 pages in A4 format).
 - (5) List of three recommenders (Name, affiliation, E-mail address)
8. Deadline of the application: November 30, 2017
9. Application address: Prof. Hideo Miura, 6-6-11-712 Aobayama, Aoba-ku, Sendai, Miyagi 980-8579, Japan

10. Contact details: Prof. Hideo Miura, 6-6-11-712 Aobayama, Aoba-ku, Sendai, Miyagi 980-8579, Japan
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