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 Japanes), and for graduate students in the department of finemecanics (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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