

## Call for Professor School of Engineering, Tohoku University

1. **Number of positions: 1**
2. **Affiliation to be appointed:** Materials Evaluation and Sensing Group, Laboratory of Microsystems Design and Processing.
3. **Job Description:** Applicants shall be responsible for the education and research on fundamentals and the applications of materials evaluation and sensing related to non-destructive inspection and analysis for the safety and assurance of materials and structures.
4. **Qualifications:**
  - Applicants must have a doctoral degree.
  - Applicants must be motivated and enthusiastic about education and research in the field.
  - Applicants must be able to lecture in Japanese and English.
5. **Responsible subjects :** [For Undergraduate Program] Materials Evaluation, Engineering Materials Design and Drawings, Materials Science and Engineering Laboratories, Seminars, Bachelor Thesis Research, etc.  
[For Graduate Program] Fatigue Strength and Fracture of Materials, Evaluation of Materials, Master Course Seminars on Materials Processing, Doctor Course Seminars on Materials Processing, etc.
6. **Job type:** Tenured.
7. **Application deadline:** August 1, 2022.
8. **Appointment start date:** April 1, 2023.
9. **Documents to be submitted:**

All documents will be used only for the selection process.

  - 1) Curriculum vitae
  - 2) Doctoral dissertation title
  - 3) Summary of research activities to date
  - 4) Reprints of five major papers
  - 5) List of research achievements (for each of the following items, leave blank if not applicable)
    - a. Academic papers
    - b. Conference proceedings
    - c. Publications (books)
    - d. Patents (registered, published, and pending)
  - 6) List of research funding/grants
  - 7) Awards and honors

- 8) Invited lectures
- 9) Educational activities (Lectures taught and Master/Doctor Thesis Supervision)
- 10) Academic societies to which you belong
- 11) Activities in academic societies
- 12) Research activities (international joint research, interdisciplinary research, and other noteworthy activities)
- 13) Social activities (committee member of national or local government, standardization, social implementation of research results, etc.)
- 14) Future research plan (about 2 pages on A4 paper)
- 15) Aspirations for educational activities (about 2 pages on A4 paper)
- 16) Information on two persons who know the applicant well (name, affiliation, position, telephone, and e-mail address)
- 17) Applicant's contact information (name, affiliation, position, telephone, and e-mail address)
- 18) Database URL for the applicant's research achievements (Scopus, KAKEN, etc.)

10. **Address for application and supporting documents:**

All applicants should submit a pdf file including all supporting documents for their application by e-mail to the following address.

Prof. Takayuki NARUSHIMA

Metallurgy, Materials Science and Materials Processing, Graduate School of Engineering, Tohoku University.

E-mail: [depthhead@material.tohoku.ac.jp](mailto:depthhead@material.tohoku.ac.jp)

When sending by e-mail, please make the subject line " Open Call for Professor, Microsystems Design and Processing (Applicant's Name)"

11. **Contact:**

Prof. Yutaka SATO

E-mail: [ytkasato@material.tohoku.ac.jp](mailto:ytkasato@material.tohoku.ac.jp)

12. **Remarks:**

- Tohoku University promotes gender equality and encourages people of varied talents from all backgrounds to apply for positions at the university. 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 the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 30) and Aobayama Midori Nursery school (100), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working on Seiryō Campus. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees.

- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality.

<http://www.tumug.tohoku.ac.jp/en>

- In addition, Tohoku University Engineering Department has established the Tohoku University Engineering Department Female Researcher Development Support Promotion Office (ALicE) to support female researchers and promote gender equality. Please see the URL below for details. <http://alice.eng.tohoku.ac.jp/>