

Announcement of Faculty Position

Faculty of Frontier Engineering
Institute of Science and Engineering, Kanazawa University

1. Position:

Tenure Track (TT) Assistant Professor

2. Affiliation:

Faculty of Frontier Engineering, Institute of Science and Engineering, Kanazawa University

<https://www.se.kanazawa-u.ac.jp/en/frontier/> (in English)

<https://www.se.kanazawa-u.ac.jp/frontier/> (in Japanese)

3. Field of specification:

Research on nanoscale measurement technology based on electrical engineering.

Belongs to research group “Nanobioscience pioneered by innovative atomic force microscopy technology”.

Works on the development of scanning probe microscopy techniques and their applications to nanoscale science research with staffs in Nanoscale Measurement Technology laboratory (PI: Prof. Takeshi FUKUMA).

4. Education:

- 1) School of Frontier Engineering, School of Electrical and Computer Engineering, School of Electrical, Computer and Communication Engineering, College of Science and Engineering, Kanazawa University
- 2) Division of Electrical Engineering and Computer Science, Graduate School of Natural Science and Technology, Kanazawa University (TT Assistant Professor is responsible to Master's Level Section only)

5. Subject responsible for:

- 1) Undergraduate course: Subjects related to electrical engineering and measurement technology experiments and general education.
- 2) Graduate course: Subjects related to the field of electrical engineering and measurement technology.

6. Employment status:

Full time, non-tenured (5 years).

* Outline for the standard in making decision on the approval of academic tenure.

- (1) Research achievement in the concerned field is outstanding in both domestic and international research communities.
- (2) Appropriately planned research is sufficiently achieved.
- (3) Sufficient competitive research funding is obtained.
- (4) Educational achievement for students (research guidance and lecture) is outstanding.

* In addition to faculty research expense, there is plan to provide a start-up research fund of approximately 800,000JPY in the first year.

7. Compensation:

Annual salary system is applied.

8. Qualification requirements:

- 1) The candidate should have a doctoral degree.
- 2) The candidate should have enthusiasm for education and research.
- 3) The candidate should take a progressive approach to collaboration with industries and universities.
- 4) The candidate should have excellent communication skills in both English and Japanese.

9. Arrival date:

April 1st, 2019.

10. Documents for applications (in free format at A4 size paper)

- 1) Curriculum vitae,
- 2) List of publications,
- 3) Hard copies of the 5 most important papers,
- 4) List of activities in academic society,
- 5) List of research grants acquired,
- 6) Details of research and educational experiences (1 page),
- 7) Brief three-year research plan and teaching philosophy (1 page),
- 8) More than one referee (Name, affiliation, E-mail address and phone number)

11. Deadline for application:

November 30, 2018 (due NLT)

12. Selection process:

After reviewing the submitted documents, shortlisted candidates will be requested to come to Kanazawa University for presentation and interview. In that case, travel expenses (including overseas travel from a foreign country to Japan) will not be covered.

13. Postal address:

Documents should be sent by registered mail/courier marked with “Application to Faculty Position on Nanoscale Measurement Technology” on the envelope to
Prof. Shinobu TANAKA, Chair of the Faculty of Frontier Engineering,
Institute of Science and Engineering,
Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:

Prof. Takeshi FUKUMA
Tel: +81 76 234 4847, E-mail: fukuma@staff.kanazawa-u.ac.jp

15. Additional information:

- 1) All of the documents should be sent to the postal address provided above, the submitted documents will not be returned.
- 2) The website below gives information about employment regulation.
<http://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)
- 3) Kanazawa University supports applicants from female scholars and promotes the co-activities of male and female scholars.
<http://cdl.w3.kanazawa-u.ac.jp/index.html> (in Japanese)
- 4) Kanazawa University also promotes the courses delivered in English under the internationalization policy.
<http://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>