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

3. Field of specification:
Candidate should have completed a master level course in the field of mechanical engineering, chemical engineering or electrical and computer engineering, and have ability, enthusiasm and “Frontier Spirit” for proceeding multi-disciplinary research work combining these engineering fields in order to realize a safe and secure society. Especially, we are seeking a researcher who can actively and progressively carry out research and education in the field of human ecosystem as shown below;

- Human Environment Engineering: Environmental comfort assessment (thermal, indoor air quality, sound and vibration, etc), Space and environmental design, etc.
- Biomedical Engineering: Biomaterials, Cellular engineering, Biosensor devices, etc.
- Smart Sensing: AI, Machine learning, Environmental sensing, Biomedical sensing, etc.

4. Education:
1) School of Frontier Engineering, College of Science and Engineering, Kanazawa University
2) 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 mechanical, chemical, or electrical & computer engineering, Frontier Engineering Laboratory, Seminar on Frontier Engineering and General Education.
2) Graduate course: Subjects related to Field of Specification.

6. Employment status:
1) TT Assistant Professor: 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.
   * The expected financial research support is about ¥800,000 at the first year.

7. Compensation:
The university has a plan to adopt the new salary system (annual salary system) implemented at the Ministry of Education, Culture, Sports, Science and Technology.

8. Qualification requirements:
1) The candidate should be a researcher with a doctoral degree at the date of arrival.
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:
October 1st, 2019 or any early possible date afterwards.

10. Documents for applications
1) Curriculum vitae,
2) List of publications,
3) List of activities in academic society,
4) List of research grants acquired,
5) Brief three-year research plan and teaching philosophy,
6) Details of research and educational experiences (free format, A4 size, 2 pages),
7) One referee (Name, affiliation, E-mail address and phone number)
8) Hard copies of the 3 most important papers,

★For the above 1)~5), please use the MS word format located at
https://www.se.kanazawa-u.ac.jp/en/researchers/ku_curriculum_vitae.doc
★Submit all the above documents in Word or PDF files on CD-ROM or USB memory stick, together with the
hardcopies.

11. Deadline for application:
   May 31st, 2019 (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:
   Prof. Shinobu TANAKA, Head of the Faculty of Frontier Engineering,
   Institute of Science and Engineering,
   Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:
   Prof. Shinobu TANAKA
   Tel: +81 76 234 4736, E-mail: shinobu@se.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.
   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