

Announcement of Faculty Position

*Faculty of Electrical, Information and Communication Engineering
Institute of Science and Engineering, Kanazawa University*

1. Position:

Associate Professor or Tenure Track (TT) Assistant Professor

2. Affiliation:

Faculty of Electrical, Information and Communication Engineering, Institute of Science and Engineering, Kanazawa University

<https://www.se.kanazawa-u.ac.jp/en/information/index.html>

3. Field of specification:

Advanced research area of information security, such as IT Security, e.g. Network/Computer/System security, etc., and Cryptography

Belongs to research group “Secure network system technology as infrastructure of the next generation society”.

Works mainly on research on advanced security technologies such as IT security and cryptography. For example, IoT security, AI security/privacy, cybersecurity, privacy protection, software protection, blockchain, usable security, cryptography, implementation of cryptographic techniques, quantum security, and so on. Also supervises undergraduate and graduate students.

4. School and Division (Teaching responsibility):

- 1) Liberal Arts and Science
- 2) Information and Communication Course, School of Electrical, Information and Communication Engineering, College of Science and Engineering, Kanazawa University
- 3) Division of Electrical Engineering and Computer Science, Graduate School of Natural Science and Technology, Kanazawa University (Note that TT Assistant Professor is responsible for Master's Level Section only)

5. Subject responsible for:

Lecture and experiment on subjects associated with computer and information science both for undergraduate course and graduate course

6. Employment status:

A full-time associate professor, No specified limit on term

A full-time tenure-track assistant professor, whose term is 5 years, which can be extended to 8 years through university's internal reviewing.

* Outline of the standard for the academic tenure approval.

- (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, it is planned to provide the TT assistant professor with a start-up research fund of approximately 800,000JPY in the first year.

7. Compensation:

Annual salary system is applied.

* The university has a plan to adopt the new 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.
- 2) The candidate should have enthusiasm for education and research and can actively collaborate with industries and universities.
- 3) The candidate should have outstanding research achievements in IT security or privacy techniques or in cryptography or in their basic fields such as information science/computer science, computer engineering or communication engineering.
- 4) The candidate should be able to collaborate with a senior professor (specialty: information security) for research and education on IT security, privacy techniques and cryptography from various perspectives. Candidates are especially welcomed who are interested in opening up a new field related to security, such as application of security-related technologies to other fields.

9. Start of employment:

An appointee is expected on duty on April 1st, 2019 or any early possible date afterwards

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

- 1) Curriculum vitae (including Photograph, Family and given names, Sex, Age, Postal number, Home address, Telephone number, Email address, Educational background starting from high school and afterward, Degree, Research carrier, Job carrier, Academic society, Rewards and punishments),
- 2) List of publications (Journal papers and international conference papers (reviewed) should be respectively listed in chronological order.) (Candidate's name should be underlined. Each paper published in journal listed in SCI-expanded should be put (*) mark as well as the journal's impact factor.),
- 3) Hard copies of the 3 to 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) Two referees (Name, affiliation, E-mail address and phone number)

11. Deadline for application:

January 4th, 2019 (no later than this due date)

12. Selection process:

After reviewing the submitted documents, shortlisted candidates will be requested to give presentation and take interview. In that case, travel expenses will not be covered.

13. Postal address:

Documents should be sent by registered mail/courier marked with "Application to Faculty Position on Information Security" on the envelope to

Prof. Takao INOKUMA, Chair of the Faculty of Electrical, Information and Communication Engineering,
Institute of Science and Engineering,
Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:

Prof. Masahiro MAMBO

E-mail: mambo@ec.t.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 also promotes the courses delivered in English under the internationalization policy.
<http://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>
- 4) Kanazawa University supports applicants from female scholars and promotes the co-activities of male and female scholars.
<http://cdl.w3.kanazawa-u.ac.jp/en/>