

Announcement of Faculty Position

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

1. Position:

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/>

3. Field of specification:

Mathematics

The candidate will be a member of the research project “Mathematical emergence for engineering.”

Especially, it is expected that the candidate has a good motivation to contribute one's own mathematical skills for education and research on quantum and digital information in the advanced information specialist training program conducted by Kanazawa University.

4. School and Division (Teaching responsibility):

- 1) Liberal Arts and Science
- 2) Information and Communication Engineering Course, School of Electrical, Information and Communication Engineering, College of Science and Engineering
- 3) Division of Electrical, Information and Communication Engineering, Graduate School of Natural Science and Technology

5. Subject responsible for:

- 1) Undergraduate course:
Basic education (calculus, linear algebra, etc.),
Advanced mathematics for engineering (differential equation, vector analysis, complex analysis, Fourier analysis, etc.), Seminar and research instruction for 4th grade students.
- 2) Graduate course:
Subjects related to field of specification, Seminar and research instruction for graduate course students.

6. Employment status:

A full-time professor, No specified limit on term

7. Compensation:

Annual salary system is applied.

8. Qualification requirements:

- 1) The candidate should be a researcher with a doctoral degree.
- 2) The candidate should have sufficient research achievements and have the ability of research guidance for master and doctor course students.
- 3) The candidate should have sufficient experience of education of mathematics at university and have the ability to perform it at a high level with enthusiasm.
- 4) The candidate should have sufficient communication skills in both English and Japanese and a cooperative personality to perform educational and entrance examination activities with the faculty members.

9. Start of employment:

An appointee is expected on duty on October 1st, 2025, or any early possible date afterwards

10. Documents for applications (A4 size paper)

For the items 1) - 5) described below, please use the MS word format located at

<https://www.se.kanazawa-u.ac.jp/en/campanies-and-researchers>

Use separate sheets for other items 6) - 8) with free format.

- 1) Curriculum vitae (including Photograph, Family and given names, Age, Postal number, Home address, Telephone number, Email address, Educational background starting from university and afterward, Degree, Job carrier, Conferences and social activities, Rewards and punishments),
Corresponding part in the format) I. Curriculum Vitae (Telephone number should be written below email address.)
- 2) List of publications (Journal papers, International conference papers, Keynote lectures and Special lectures at international conference, Published work and compilation work, Report, commentary and general remarks, Patents, etc.) (Journal papers and international conference papers (reviewed) should be respectively listed in chronological order.) (Candidate's name, co-author's name, journal title, volume, number, first and last pages

(paper number) and published year should be provided. Candidate's name should be underlined. Each paper published in journal listed in SCI-expanded should be marked by an * (asterisk) and the journal's impact factor should be given.),

Corresponding part in the format) II. Research Performance 1. Research Papers – 6. Patents, etc., III. Research Activity, Educational Activity, and Conference and Social Activities 1. Research Activities (1) Number of research achievements

- 3) List of activities in academic society,
Corresponding part in the format) III. Research Activity, Educational Activity, and Conference and Social Activities 3. Academic Societies and Social Activities (within past 5 years)
- 4) List of research grants acquired,
Corresponding part in the format) IV. Grants
- 5) Aspirations for education and research
Corresponding part in the format) V. Aspirations for Education and Research (within one A4-size page)
- 6) Details of research and educational experiences (within one A4-size page) (In case of writing in English, the number of characters is not limited to 1,500 characters.),
- 7) Hard copies of the 3 to 5 most important papers,
- 8) Two referees (Name, affiliation, E-mail address and phone number)
- ★ 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 30th, 2025 (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 Faculty of Electrical, Information and Communication Engineering” on the envelope to
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. Kazuya TOHGE,
Faculty of Electrical, Information and Communication Engineering, Institute of Science and Engineering,
Email: tohge@se.kanazawa-u.ac.jp

15. Additional information:

- 1) All 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.
<https://www.kanazawa-u.ac.jp/sgu/en/kusgu/project.html>
- 4) Kanazawa University supports the development of diversity in the research and education environment.
<https://ipdi.w3.kanazawa-u.ac.jp/en/>
- 5) The Institute of Science and Engineering welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society.