

Announcement of Faculty Position

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

1. Position:

Associate 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 Kanazawa University human resource development program.

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, general linear algebra, basic algebra 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 hold a doctoral degree by the time when the appointment begins..
- 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 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 January 1st, 2027, 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/campaigns-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) Reprints copies of the 3 to 5 most important papers,
- 8) Two referees (Name, affiliation, E-mail address and phone number)

11. Deadline for application:

November 20th, 2026, 18:00 JST (no later than this deadline)

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. Address: All the materials for the application should be sent as PDF files to:

Prof. Kazuya TOHGE

E-mail : tohge@se.kanazawa-u.ac.jp

* Applications should be sent with E-mail subject "Application to Faculty Position on Mathematics".

* The maximum size of one email is 10MB. If you need to send more than one email, please let us know in advance.

* After receiving the file(s) by email, we will send you a receipt notification by email.

If there is no notification of reception within 24 hours, the reception has not been completed.

Please send file(s) again.

14. Contact person:

Prof. Kazuya TOHGE,

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

Phone: +81 76 234 4916 Email: tohge@se.kanazawa-u.ac.jp

15. Additional information:1)

- 1) The website below gives information about employment regulation.
<http://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)
- 2) 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 promotes diversity, equity, and inclusion (DEI) based on the Basic Act for a Gender-Equal Society and the "Kanazawa University Diversity Promotion Principles." We welcome applications from female researchers and international researchers for our open faculty positions. For details, <https://ipdi.w3.kanazawa-u.ac.jp/en/>
- 5) Kanazawa University supports the development of diversity in the research and education environment.
<https://ipdi.w3.kanazawa-u.ac.jp/en/>