

Announcement of Faculty Position
Faculty of Mathematics and Physics
Institute of Science and Engineering, Kanazawa University

Associate Professor or Tenure Track Assistant Professor in Mathematics
(Application deadline: May 20th, 2024)

1. **Position:**
Associate Professor or
Tenure Track Assistant Professor
2. **Affiliation:**
Faculty of Mathematics and Physics
Institute of Science and Engineering, Kanazawa University
<https://www.se.kanazawa-u.ac.jp/en/mathphys>
3. **Field of specification:**
Representation theory.
After being hired, the candidate becomes a member of the Research Group "Research in mathematical sciences and their mathematical foundations for investigating diverse phenomena" and is expected to participate in research and education of its priority areas (data science and cryptology).
4. **Teaching responsibility:**
 - (1) School of Mathematics and Physics, College of Science and Engineering, Kanazawa University
 - (2) Division of Mathematical and Physical Sciences, Graduate School of Natural Science and Technology, Kanazawa University
 - (3) Studies in Liberal Arts and Sciences, Kanazawa University
5. **Employment status:**
A full-time associate professor (tenured) or
A full-time tenure track assistant professor (non-tenured, in principle, 5-year term)
Based on the results of an internal review by Kanazawa University concerning research and educational achievements, the promotion to tenure associate professorship or the appointment of tenure assistant professor is possible.
If the extension of the tenure track period (up to 3 years) is approved by the internal review, the review will be conducted in the final year of the extended period.
Outline the standard in making decisions on the approval of academic tenure for the tenure track assistant professor.
 - (1) Research achievement in the concerned field is outstanding in 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 expenses, it is planned to provide the tenure track assistant professor with a start-up research fund of approximately 800,000 JPY in the first year.
6. **Compensation:**
The annual salary system is applied.
7. **Qualification requirements:**
 - (1) The candidate should be a researcher who is expected to have a doctoral degree by the time of appointment.
 - (2) The candidate must have outstanding research records in the area of representation theory in mathematics.
 - (3) The candidate must be able to teach classes in Japanese and English for undergraduate students and do some administrative work in Japanese and English as a faculty member. Therefore, the candidate is expected to have a high level of Japanese and English language communication skills.

8. Start of employment:

An appointee is expected on duty on October 1st, 2024, or any early possible date afterward.

9. Documents for application (A4 size papers):

Application materials (written in Japanese or English on A4 size paper) should include the following:

- (1) Curriculum vitae, including a photo, contact information (phone number, e-mail address), and your desired position.
- (2) List of publications including peer-reviewed original papers, books, talks and etc. (Papers to appear and preprints may be included, but the status of such papers (accepted, submitted, preprint, etc.) should be clearly indicated.)
- (3) List of competitive research funds obtained to date.
- (4) Educational achievements (lectures, supervising students, etc.) and aspirations for education. (within two A4-size pages)
- (5) At most five major papers.
- (6) Summary of research achievements and prospective research. (approximately two A4-size pages)
- (7) Contact information of two reference persons. (name, affiliation, e-mail address, and phone number)

10. Deadline for application:

May 20th, 2024 (no later than this due date)

11. Submission:

Please convert all the documents to PDFs, put them together in one ZIP file, and submit it via the JREC-IN Portal site (<https://jrecin.jst.go.jp/>),

addressed to: Prof. Masayuki Sato,

Faculty of Mathematics and Physics,

Institute of Science and Engineering, Kanazawa University

After receiving the files via the JREC-IN Portal site, we will email you a receipt notification. If there is no reception notification, please email the contact address below for confirmation.

12. Contact person:

Professor Hajime Nagoya,

Faculty of Mathematics and Physics,

Institute of Science and Engineering, Kanazawa University

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

Phone: +81 (0)76 264 5648

13. Additional information:

- (1) Candidates who pass document screening will be interviewed in the selection process. (The applicants will be responsible for travel expenses outside Japan.)
- (2) The website below gives information about employment regulation.
<https://www.kanazawa-u.ac.jp/internal/staff/regulations/index.html> (in Japanese)
- (3) Kanazawa University promotes the development of diversity in the research and education environment.
<https://ipdi.w3.kanazawa-u.ac.jp/en/>
- (4) Kanazawa University also promotes courses delivered in English under the internationalization policy.
<https://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html>
- (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.