

**Open position of Professor at the Institute of Multidisciplinary Research for Advanced Materials,
Tohoku University**

Job description summary: Developing advanced material structure measurement techniques using X-rays and conducting fundamental research in this field. Specifically, advancing X-ray structural analysis methods using X-ray free-electron lasers, high-brightness X-rays from 4th -generation synchrotron radiation facility, and laboratory X-ray sources. This includes capturing ultrafast phenomena, visualizing charge density distributions, and measuring materials under special conditions. Research and development will also focus on cutting-edge precision structural analysis techniques and their application to materials science and related fields.

1. Open positions: Professor (One position)
2. Affiliation: Structural Physics and Crystal Physics Lab., Division of Measurements, Institute of Multidisciplinary Research for Advanced Materials (IMRAM), Tohoku University
3. Required qualifications and Conditions:
Candidates must possess or be expected to possess a doctoral degree.
4. Start Date: August 2026, and as soon as possible thereafter. (The starting date will be determined as soon as the recruitment procedure is completed.)
5. Salary and Benefits
 - (1) Salary: Based on the Salary Regulations of Tohoku University
Allowances will be paid in accordance with Regulations on Employees Salary at National University Corporation Tohoku University
 - (2) Employment status: Full Time
 - (3) Term of office: tenured.
 - (4) Hours: The discretionary labor system for professional work shall apply.
Flexible Work Hours: The standard working hours are 8:30 to 17:15, but the actual working hours are at the discretion of each employee.
 - (5) Holidays: Saturdays, Sundays, National Holidays, New Year's Holidays (Dec. 29 - Jan. 3)
 - (6) Insurance: Successful individuals will be enrolled as a member of the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association which will also provide health insurance for any dependents. Tohoku University will also provide pension insurance, employment insurance as well as industrial accident compensation insurance.

6. Application Documents

Please combine items (1) to (6) below into a single PDF file and submit your application by email attachment to the address listed under “9. Contact and Submission Address.” Once we confirm receipt of your documents, we will reply with a confirmation email within three business days (excluding weekends). If you do not receive a confirmation email within three days after submitting your application, please contact us at the same address.

- (1) Curriculum Vitae: (prescribed form)
- (2) List of research achievements
 - Original peer-reviewed papers (Mark "○" for those where the applicant was the primary investigator).
 - Review articles and books.
 - Patents.
 - Invited lectures (Distinguish between international and domestic conferences).
- (3) Abstracts of 10 major papers (Approx. 500 characters in Japanese or 200 words in English; include DOI codes and citation counts for each)
- (4) Summary of Past Research and Teaching activity (Approx. 2,000 characters in Japanese or 800 words in English) and Future Research and Teaching Plans (Approx. 2,000 characters in Japanese or 800 words in English).
- (5) External Funding and Awards and other relevant information.
- (6) References: Names and contact details (affiliation, address, phone, email) of four individuals who can provide opinions on the applicant. At least one must be from Japan and one from overseas.

The submitted documents will be used solely for the selection process and will not be disclosed to any third party who is not involved in the selection.

Documents submitted will not be returned.

7. Application Deadline : Must arrive by April 15, 2026.

8. Selection Process : Document screening followed by an interview.

9. Contact and Submission Address

Chair of the 4th Personnel Subcommittee, Institute of Multidisciplinary Research for Advanced Materials (IMRAM), Tohoku University

2-1-1 Katahira, Aoba-ku, Sendai 980-8577, Japan

E-mail: dai4_imram@grp.tohoku.ac.jp

10. Additional Information

- The successful candidate will also hold a joint appointment as a Professor at the Graduate School of Science (Department of Physics) and the Faculty of Science (Department of Physics), and will be responsible for graduate and undergraduate education.
- Open to all nationalities, but basic Japanese communication skills are required.
- Tohoku University promotes gender equality and seeks researchers who can serve as role models/mentors for students. In accordance with the Gender Equality Act, female candidates will be prioritized if their qualifications are deemed equal.
- Tohoku University promotes Diversity, Equity & Inclusion (DEI).

For more details, visit: <https://dei.tohoku.ac.jp/en/>