

Open position of specially appointed researcher or assistant professor at the Institute of Multidisciplinary Research for Advanced Materials, Tohoku University

Job description summary: This specially appointed researcher/assistant professor will join the Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, to research on the exploration of new Li or Na ion conducting inorganic solids and design principles of solid-state ionic materials. In particular, the research focus will be put to fill the gap between various materials classes such as oxides, sulfides, and halides, and also different form of materials, e.g., crystalline, amorphous and composites, in collaboration with Assoc. Prof. Saneyuki Ohno. Based on better mechanistic understanding gained through the above-mentioned research, the ultimate goal is to realize and further develop the key materials for solid-state energy storage devices. Research experience on solid-state batteries is preferred but not required if the candidates possess sufficient experience and research records in materials science, electrochemistry, or solid-state chemistry/physics. We are looking for people willing to actively expand their research areas and eager to work with those willing to lead the field of energy storage.

1. Open positions: One specially appointed researcher/assistant professor
2. Affiliation: Field of Energy Device Chemistry, Institute of Multidisciplinary Research for Advanced Materials, Tohoku University
3. Job description: A Successful candidate will be engaged in research on developing new ion conducting solids for solid electrolytes and solid-state battery applications.
4. Required qualifications and Conditions:
Candidates must possess or be expected to possess a doctoral degree.
5. Start Date: October 1, 2024, and as soon as possible thereafter. (The starting date will be determined as soon as the recruitment procedure is completed.)
6. Salary and Benefits
 - (1) Salary: to be determined in accordance with Tohoku University's employment regulations.
Approximately 5,500,000~ JPY per annum for assistant professor
Depending on circumstances, allowances for transport may be provided.
 - (2) Employment status: Full Time
 - (3) Term of office: Non-tenured.
From the date of hire to September 30, 2025 (with the possibility of renewal depending on budget status)
*This term will be renewed annually upon consideration of the budget situation, the progress of the work

engaged, workload at the end of the contract period, work performance, work attitude, health situation, and other factors. The contract will be renewed on an annual basis upon consideration of the budget situation, progress of work engaged in, workload, work performance, work attitude, health situation, etc. (Initial term: from the date of hire to March 31, 2025)

(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:

Admission into the MEXT Mutual Aid Association; provision of unemployment insurance and worker's accident insurance

7. Application materials

(1) Curriculum Vitae

(2) List of research achievements

(3) ORCID ID

(4) Referees' contact information:

Name, name of institution, position, telephone number, and email address (2 referees)

8. Application Deadline

Application documents must arrive by 23:59 (JST) on Dec. 2, 2024

*Please note that this call may be closed earlier if we receive sufficient applications.

9. Address to which applications should be sent

By post:

Applicants should submit their application, together with the above documents, to the following address:

Saneyuki Ohno

Institute of Multidisciplinary Research for Advanced Materials, Tohoku University

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

TEL: +81-22-217-5816

By e-mail:

Applicants should submit their application, together with the above documents in PDF format, to the following address: saneyuki.ohno.c8@tohoku.ac.jp

Please fill in the email subject as follows: "Application to an open position at Energy Device Chemistry Lab_SSI research_YOUR NAME"

Documents submitted will not be returned.

10. Contact Details

Saneyuki Ohno, Associate Professor

IMRAM, Tohoku University

saneyuki.ohno.c8@tohoku.ac.jp

Tel : +81-22-217-5816

11. Remarks

- We may ask you to make a presentation during the selection process.
- We recommend that you apply as early as possible, as we will close the application process as soon as a suitable candidate has been selected.
- Tohoku University promotes activities to increase Diversity, Equity, and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university.
Tohoku University's website about the DEI Declaration is here: <https://dei.tohoku.ac.jp/vision/about/>
- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on impartial evaluation.
- Tohoku University has published 'Tohoku University-Live as Who You Are-Guidelines for Gender and Sexual Diversity' to provide explanations and details of how those at the university should respond with respect to diverse sexuality. The purpose of the guidelines is to create an environment in which all students, faculty, and staff respect diverse sexuality in their academic, research, and professional activities.

Please see the Tohoku University Center for Gender Equality Promotion website:

https://dei.tohoku.ac.jp/vision/consulting/for_minority

- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working at Tohoku University Hospital. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees.
- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality, including measures to promote childcare leave among male employees.

Center for Diversity, Equity, and Inclusion, Tohoku University Website:

https://dei.tohoku.ac.jp/vision/consulting/for_family/

Human Resources and Planning Department website:

<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>