

**Faculty Position Opening (Full Professor) at Hokkaido University,  
Research Institute for Electronic Science**

Research Institute for Electronic Science (RIES), Hokkaido University, is recruiting a full professor as follows. This is an open recruitment based on the spirit of the “Hokkaido University’s statement on the promotion of Diversity & Inclusion.”

RIES comprises three research divisions (Optical Science, Materials Science, and Life Science), two research centers (a Green Nanotechnology Research Center and a Research Center of Mathematics for Social Creativity), a collaborative research division, and co-creation research support. We aim to develop interdisciplinary science that integrates optical science, materials science, life science, and mathematics.

**1. The department**

(Immediately after hiring) Department of Materials and Molecular Sciences (New Laboratory)  
(Scope of change) No change

**2. Position Title**

1 Professor position

**3. Employment status**

Tenured

**4. Contents of the research field**

An interdisciplinary research field related to materials science, focusing on synthesizing functional materials in the range of atomic-molecular to bulk using chemical methods and commits to realizing a sustainable society in the future.

The Professor will broadly engage in joint research with researchers in the RIES, Hokkaido University, the Crossover Alliance<sup>1)</sup>, and collaborators in the Network Joint Research Center for Materials and Devices<sup>2)</sup>, as well as in international joint research. It is desirable to implement such joint research activities, leading to green innovation through industry-academia collaborations in the future.

1): <https://alliance.tagen.tohoku.ac.jp/english/>

2): <https://five-star.sanken.osaka-u.ac.jp/en/>

**5. Job content**

(Immediately after hiring) The selected candidate will work for the research described in 4. Contents of the research field at the Research Institute for Electronic Science, and will be in charge of educating graduate students in the Division of Environmental Materials Science in the Graduate School of Environmental Science. (<https://www.ees.hokudai.ac.jp/material/?lang=en>)

(Scope of change) No change

**6. Deadline for application**

31 May 2024 (JST)

**7. Desired start date**

1 April 2025, at the earliest

**8. Qualifications**

Ph.D. at the time of appointment

**9. Treatment**

[1] Probation period: Three months

[2] Salary: The salary is determined in accordance with National University Corporation Hokkaido University Salary Regulations for Faculty Subject to the Annual Salary System.

[3] Working style: Discretionary labor system for professional work based on consent (\*) or Fixed working hours system will be applied. (\* The working hours for a day are deemed as 7 hours and 45 minutes)

[4] Holidays: Saturdays, Sundays, National Holidays, Year-end and New Year holidays (December 29–January 3), and days designated by Hokkaido University

[5] Benefits: Health insurance and pension applicable under the regulations of The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employees' Pension, Workers' Accident Compensation Insurance, and Employment Insurance

Hokkaido University is committed to supporting all researchers in balancing their education/research activities with their personal life, and creating an environment where they can be active. For specific information, please visit the D&I website (<https://www.dei.hokudai.ac.jp/en/>). This website contains information on nursery schools (<https://www.dei.hokudai.ac.jp/en/tips/nursery/>) and Research assistant Support (<https://www.dei.hokudai.ac.jp/en/activities/service/kenkyuhojo/>).

**10. Name of recruiting institution**

Hokkaido University

**11. Measures to Prevent Second-hand Smoke**

Smoking in designated areas only.

**12. Application materials**

[1] One copy of Curriculum Vitae (with photo within six months)

[2] A list of research achievements, classified into the following\*

[a] Original papers, reviews, commentary papers, books, etc. [Write the name of the co-author(s), specify the first and last pages of the papers, underline the candidate's name, add \* for the corresponding author, and add special notes (reported in the newspaper, if any), as necessary.]

[b] Invited lectures at international and domestic conferences (limited to those presented by the candidate).

[c] Patents and industrial property rights (including pending).

Candidates are recommended to obtain their researcher ID for Web of Science or Google Scholar, create a publication list, and state the ID number in the list of research achievements.

[3] One copy of Summary statements (about 1,000 words) about the candidate's past research, education, and public outreach activities.

[4] One copy of the Motivation statements (about 1,000 words) for the application.

[5] Research grant acquisition status (title, representative, distinction of sharing).

[6] Names, affiliations, and contact information of two professional referees willing to be contacted about the applicant.

[7] PDF files of major original papers (Limit: 10 papers)

[8] Excel file with specified information (The Excel file can be downloaded from:

[https://www.es.hokudai.ac.jp/format/ApplicationForm\\_Name.xlsx](https://www.es.hokudai.ac.jp/format/ApplicationForm_Name.xlsx))

Please input the data into the Excel file (Applicant data, Major original papers).

Regarding "major original papers (10 papers)", please input "Title of the Journal paper," "Authors (All)," "Journal name," "DOI," "Impact factor 2022," "Times cited (Web of Science Researcher ID or Google Scholar)," and "Special note (ex. Press report)."

### **13. How to submit the above application documents (WEB Application Only)**

Please submit the application documents by making a single ZIP file and uploading through the JREC-IN portal:

<https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D124030592>

The ZIP file should contain PDF files of [1] – [7] and an Excel file of [8].

The filename should be "Your Name.zip".

When creating a PDF file, avoid interfering with display and printing, such as embedding fonts.

We do not accept submissions by (e)mail.

### **14. Note**

Personal information related to the application will be used only for selection, and after the selection is completed, it will be responsibly destroyed except for the employer's documents.

### **15. Selection Process**

Document screening and interview.

Online interviews may be applied in certain cases.

In the selection process, we will consider life events such as childbirth, childcare, and nursing care.

Also, we will consider research interruptions due to international cooperation, humanitarian aid activities, etc.

### **16. Inquiries**

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