

**Recruitment of the faculty position in the Faculty of Information Science and  
Technology, Hokkaido University**

We invite applications for the faculty position in the Faculty of Information Science and Technology, Hokkaido University as follows.

1. Position

Assistant Professor

2. Department

(Just after hiring) Faculty of Information Science and Technology, Division of Electronics for Informatics, Research Group of Integrated Systems, Laboratory for Integrated Digital System Architecture

(Scope of change) No change.

3. Research Field

(Immediately after hiring) Research field of a broad range of hardware and software layers targeting future social implementations. It is based on digital and analog integrated circuits and systems and advanced device technology, with a focus on innovative information processing integrated systems. In particular, one will be in charge of practical research and education related to the integration of the following multidisciplinary fields;

(1) Integrated circuit systems for artificial intelligence (AI) and brain-inspired computing

(2) Cutting-edge memory and logic (including CIM and integrated systems)

(3) Exploration of innovative hardware for DX through novel FPGA and sensors etc.

(4) Advanced devices, e.g., nanomaterials, spintronics, and its AI/DX applications

(Scope of change) No change.

4. Works in Charge

In Division of Electronics for Informatics, Graduate School of Information Science and Technology, (1) co-handling the following subjects: “Advanced Exercise in Electronics for Informatics”, and “Advanced Study in Electronics for Informatics”. In Course of Electrical and Electronic Engineering, Department of Electronics and Information Engineering, School of Engineering, (2) handling Electrical and Electronic Engineering Laboratories and others, as with (3) extra subjects in the graduate school, inter-department subjects, and inter-school subjects. In addition to education and research, (4) university’s operations management will partly be assigned.

5. Qualifications

(1) Ph.D. degree at the time of appointment

(2) Ability to handle university's operations management and student supervision smoothly

(3) Strong motivation for joint research and interaction with foreign researchers

(4) Ability of communication and writing in English for high-level education and research

6. Desired Start Date

October 1, 2026 or later

7. Employment status

Five-year term. Reappointment screening will be conducted at the end of the term, and a successful employee will be reappointed only once (the additional term is next five years).

8. Probation Period

The probation period is three months.

9. Salary

The salary will be determined in accordance with the regulations of Hokkaido University.

10. Working Form

Discretionary labor system for professional work

\*The working hours for a day is deemed as 7 hours and 45 minutes.

11. Health Insurance

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employees' Pension, Workers' Accident Compensation Insurance and Employment Insurance

12. Name of Recruiting Institution

Hokkaido University

13. Measures to Prevent Second-hand Smoke

No smoking on campus except for the designated outside smoking areas

14. Application Materials

(1) Curriculum Vitae

\*Free format with an attached photo taken within six months, date and year of birth, academic history, degree, qualifications, record of awards, employment history, research history, teaching experience, affiliated academic society, activities in academic society, ORCID (if possible).

(2) List of publications

\*Publications should be classified in the following order: peer-reviewed academic papers, invited talks, conference papers, books, review/survey articles, patents, awards.

\*For each peer-reviewed academic paper, its impact factor and citation counts should be indicated.

(3) List of research grants subsidized as a principal investigator (name of research grant, project title, terms, and budgets)

(4) Copies of three major peer-reviewed academic papers published in the last five years, and copy(ies) of review/survey articles.

(5) Summary of past and current researches (about 500 words). International joint research activities should be described if they exist.

(6) Statement of education and research goals upon appointment (about 500 words for each)

(7) A list of two references (including the names, phone numbers and e-mail addresses)

\*Printed documents of (1)-(7) above and their electronic files (source files or scanned files) stored in CD, DVD or USB memory must be submitted upon application.

#### 15. Selection

Applicants who passed the first document-based screening will be interviewed.

#### 16. Application Deadline

Thursday, April 30, 2026 (JST)

\*The deadline must be strictly observed.

#### 17. Submission Method

Applications should be sent using either of the following:

- (1) Via registered mail to the postal address indicated below. Please indicate “Application for Assistant Professor in the Division of Electronics for Informatics, Faculty of Information Science and Technology, No. 2025-109” in red ink on the surface of the envelope. A set of the printed materials and a USB memory in which the materials are stored have to be included.

#### **【Postal address for document submission】**

Administrative Affairs, Graduate School of Information Science and Technology,  
Hokkaido University

Kita-14, Nishi-9, Kita-ku, Sapporo 060-0814, Hokkaido, Japan

Phone: +81 11 706 6945

E-mail: soumu@ist.hokudai.ac.jp

- (2) Via upload link of JREC-IN Portal(<https://jrecin.jst.go.jp/seek/SeekTop>). A set of application materials in pdf format has to be uploaded.

\* The submitted document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

#### 18. Inquiries

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E-mail: sueoka@ist.hokudai.ac.jp

#### 19. Others

Upon the interview, transportation and related expenses will not be paid.

At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender equality. Therefore, we explicitly invite women qualified in research field to apply. We are also actively supporting a satisfying work-life-balance and are thus creating ideal environments for people to reach their full potentials.