

Position for Professor in the Laboratory of Information and Data Analysis
Faculty of Information Science and Technology, Hokkaido University

April 20th, 2026

We are inviting applications for the position of Professor in the Laboratory of Information and Data Analysis, Research Group of Mathematical Science, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University.

Name of Recruiting Institution: Hokkaido University

Title of position: Professor

Affiliation:

(Immediately after hiring) Laboratory of Information and Data Analysis, Research Group of Mathematical Science, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University.
(Scope of change) Location as determined by the University.

Duties in education and fields:

(Immediately after hiring) Lectures, seminars, experiments, and exercise courses related to computer science and information technology (See Appendix for more details). Administrative tasks of the faculty, graduate school, and undergraduate school.
(Scope of change) Duties as determined by the University.

Qualifications:

- (1) Applicant should have a doctoral degree or Ph.D.
- (2) Applicant should have the ability to provide instruction in subjects described in “Duties in education” both in Japanese and English.
- (3) Applicant should have the ability to undertake administrative tasks for the faculty, graduate school, and undergraduate school in Japanese.

Application materials:

- (1) CV with recent photo, contact details (address, phone, and e-mail), academic record, job experience, and international society activity;

Remark:

- Applicants who have been employed by Hokkaido University from April 1, 2013 (any position, including Part-Time Lecture, TA, TF, RA, Short-term Support Assistant, etc.) should provide full details of your employment history.

- (2) List of academic accomplishments:

Please make a list in reverse chronological order

1. Reviewed journal papers (e.g., Papers published in academic journals)
2. Reviewed conference papers (e.g., Papers in the proceedings)
3. Survey articles
4. Book (including coauthored ones)
5. Keynote/invited talks
6. Other papers/presentations
7. Patents
8. Awards
9. Grants (Please add information on whether the applicant is the principal investigator of the grant or not)
10. Other accomplishments (e.g., Joint research with a private company or public organization, free software)

Remarks:

- For papers, please underline the applicant's name. Additionally, if there is a corresponding author (responsible author), place a circle or bullet before their name.

- For papers, it is permissible to include impact factor (IF) and/or the number of citations, if needed.
 - For patents and similar contributions, please underline the applicant's name, and for key contributors, place a circle or bullet before their name.
- (3) 5 selected publications and their abstracts within 100 words (in English or Japanese).
 - (4) Summary of the applicant's research history and achievements within 1 page (in English or Japanese).
 - (5) Summary of the applicant's teaching history and future plan for education within 1 page (in English or Japanese).
 - (6) Summary of the applicant's future research plan within 1 page (in English or Japanese).
 - (7) The names of two references for the applicant, with their name, institution, position, telephone number and e-mail address.

Remark:

- Please note that an interview may be conducted if necessary. In that event, the applicant is responsible for any travel expenses.

Deadline for application: July 24th, 2026, 24:00 (JST)

Scheduled starting date of employment: January 1st, 2027, or later

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.

The ZIP file should contain PDF files of (1) – (7) and be named “Your Name.zip”.

Contact person:

Prof. Daisuke Sakamoto, PhD

Chair of Division of Computer Science and Information Technology

E-mail: csit-kobo-2026@eis.hokudai.ac.jp

Employment status:

Full-time (Tenured)

Compensation:

- (1) Probation Period:
3 months.
- (2) Working hours, etc.:
Monday to Friday
Discretionary labor system* for professional work based on the employee's agreement or
Fixed working hours system
* The working hours for a day are deemed as 7 hours and 45 minutes.
- (3) Salary:
National University Corporation Hokkaido University Salary Regulations for Faculty Subject to Annual Salary System
- (4) Health insurance, etc.
 - Employee pension insurance
 - Mutual Association of the Ministry of Education, Culture, Sports, Science and Technology
 - Employment Insurance
 - Workers' accident compensation insurance
- (5) Measures to Prevent Second-hand Smoke
Smoking in designated areas only

Appendix

1. The Laboratory of Information and Data Analysis conducts research grounded in statistical science, including the theory and application of multivariate and large-scale data analysis, as well as computational data analysis and visualization. Analyzing data with increasing scale, heterogeneity, and uncertainty requires comprehensive knowledge of model construction and analytical methodologies. Additionally, developing model theory under singularities is an important research topic. It is also necessary to advance our research outcomes toward practical applications.
2. We invite applicants who will be affiliated with the laboratory, collaborate with other faculty members, and take responsibility for research and education in the research group of mathematical science. Applicants will be expected to investigate research in the aforementioned areas deeply. Therefore, applicants are expected to have research achievements in at least one of the main or related keywords and be motivated to apply their expertise in one area to the other.

Main Keywords: statistical science, multivariate data analysis, large-scale data analysis

Related Keywords: mathematical statistics, statistical physics, information geometry and other mathematical science domains

3. The successful applicant will partly or fully give some of the lectures listed below, for which the Laboratory of Information and Data Analysis is responsible.
 - (1) Subjects in the Graduate School of Information Science and Technology: Laboratory seminar, and others.
 - (2) Subjects in the School of Engineering: Experiments and Exercise in Computer Science and Information Technology, Exercise in Technical English, Applied Mathematics, Information Geometry and its Exercise, and others.
 - (3) Subjects in general education: Introduction to Informatics, Statistics, Freshman Seminar, and others.
4. 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 potential.
5. Please refer to the following URL for the current members of this division:
https://www.ist.hokudai.ac.jp/eng/staff/index_faculty_division.html