

Position for Associate Professor in the Laboratory of Harmonious Systems Engineering,  
Faculty of Information Science and Technology, Hokkaido University

April 10th, 2026

We are inviting applications for the position of Associate Professor in the Laboratory of Harmonious Systems Engineering, Research Group of Synergetic Information Engineering, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University.

Name of Recruiting Institution: Hokkaido University

Title of position: Associate Professor

Affiliation: (Immediately after hiring) Laboratory of Harmonious Systems Engineering, Research Group of Synergetic Information Engineering, Division of Computer Science and Information Technology, Faculty of Information Science and Technology, Hokkaido University (see Attachment).

(Scope of change) Location as determined by the University.

Duties in education and fields:

(Immediately after hiring) Lectures, seminar, experiments, and exercise courses related to computer science and information technology (see Appendix 1). 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, including contact details (address, phone, and e-mail), academic record, job experience, and international society activity;

Remark:

- Applicant who has been employed by Hokkaido University from April 1, 2013 (any position, including Part-time Lecture, TA, TF, RA and 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 articles (e.g., Articles published in academic journal)
2. Reviewed conference papers (e.g., Papers in the proceedings)
3. Survey articles
4. Book (including coauthor)
5. Keynote/invited talks
6. Other papers/presentations
7. Patents
8. Awards
9. Grants (Please add information whether the applicant is principal investigator of the grant or not)
10. Other accomplishments (e.g., Joint research with 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, showing his/her 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: May 29th, 2026, 24:00 (JST)

Scheduled starting date of employment: October 1st, 2026, 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 is 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 successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Harmonious Systems Engineering is responsible.
  - (1) Subjects in the Graduate School of Information Science and Technology:  
Harmonious Systems Engineering, Laboratory seminar, and others
  - (2) Subjects in the School of Engineering:  
Artificial Intelligence, Computer Programming I, Experiment in Computer Science and Information Technology I, Exercise in Technical English, and others.
  - (3) Subjects in the general education: Introduction to Informatics I, Freshman Seminar, The World of Science and Technology and others.
2. The Laboratory of Harmonious Systems Engineering focuses on a broad range of education and research in information technology. This includes the design and implementation of systems

where artificial intelligence harmonizes with people and society, as well as the practical social implementation of these technologies. Specifically, the laboratory covers both fundamental and applied research aimed at solving real-world problems using actual data. This is achieved by applying information technologies—such as machine learning methods (typified by deep learning), various numerical analysis techniques, and combinatorial optimization—to multimodal data, including language, images, and numerical values. In this open recruitment, we seek an individual who will take charge of research and education at the Laboratory of Harmonious Systems Engineering, advance research in the relevant specialized fields, and pioneer new academic frontiers based on these research achievements.

3. 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.

(Attachment)

Teaching staff: Division of Computer Science and Information Technology

As on date April 1st, 2026

Research group	Laboratory	Professor	Associate Professor	Assistant Professor
Research Group of Synergetic Information Engineering	Intelligent Software	NODA Itsuki	SAKAJI Hiroki	
	Autonomous Systems Engineering	YAMAMOTO Masahito	TAMURA Yasumasa	
	Harmonious Systems Engineering	KAWAMURA Hidenori	<b><u>Open Position</u></b>	YOKOYAMA Soichiro
	Human-Computer Interaction	SAKAMOTO Daisuke		
Research Group of Knowledge Software Science	Large-Scale Knowledge Processing	HORIYAMA Takashi	SETO Kazuhisa	
	Knowledge Base	YOSHIOKA Masaharu	LI Jiyi	
	Information and Knowledge Network	ARIMURA Hiroki	KOBAYASHI Yasuaki	GIMA Tatsuya
	Algorithmics	NAKAMURA Atsuyoshi	NGUYEN Dai Hai	
Research Group of Mathematical Science	Mathematical Science for Computing	TANAKA Akira	KAWAGUCHI Mayuka	
	Pattern Recognition and Machine Learning	MATSUBARA Takashi	XIAO Ling	
	Intelligent Information Systems	SUGIMOTO Masanori	NAKAMURA Masanari	
	Information and Data Analysis		MIYAHARA Hideyuki	