

## Recruitment of Assistant Professor in the Faculty of Information Science and Technology, Hokkaido University (Information Knowledge Network Laboratory)

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

### 1. Position

Assistant Professor (The term of contract is 5 years. A performance evaluation will be conducted, and a successful employee can be reappointed once. In the case of the reappointment, the additional term is 5 years.)

### 2. Name of Recruiting Institution

Hokkaido University

### 3. Department

Faculty of Information Science and Technology, Division of Systems Science and Informatics, Research Group of Knowledge Software Science

### 4. Research Fields

Information technology for modeling problems in the real world and the design and analysis of efficient methods in information processing of massive discrete data. Specifically, the research fields cover theoretical research and development of information and knowledge technologies based on discrete algorithms and combinatorial optimization with applications to artificial intelligence and big data analytics.

### 5. Teaching responsibilities

The successful applicant will be requested to teach subjects such as: Advanced Exercise in Computer Science and Information Technology, Laboratory Seminar, and others at the Graduate School of Information Science and Technology, Exercise in Computer Science and Information Technology III, Experiment in Computer Science and Information Technology I, II, Exercise in Technical English, and others at the Undergraduate School of Engineering, and some subjects including Freshman Seminar in the general education course.

### 6. Qualifications for application

- (1) Ph.D. at the time of appointment,
- (2) Ability to give lectures listed above in Japanese and English,
- (3) Excellence and publications in the research fields listed above, and
- (4) Ability to undertake the duties related to the management of the Faculty/Graduate School of Information Science and Technology, and the School of Engineering in Japanese.

### 7. Desired Start Date

April 1st, 2024 or later

### 8. Application Materials (One copy of the printed materials and a USB memory including all materials should be provided)

#### (1) Curriculum Vitae (CV)

- Free format with an attached recent photo, academic history, degree, employment history, qualifications, and record of awards.
- 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., peer-reviewed journal papers)
2. Reviewed conference papers (e.g., peer-reviewed international conference papers)

3. Survey/review articles
4. Books (including book chapters)
5. Keynote/invited talks
6. Awards
7. Grants (please add information whether the applicant is principal investigator of the grant or not)
8. Patents (publications and establishments)
9. Other papers/presentations
10. Other accomplishments (e.g., research project, joint research with companies, free software, and activities at academic societies)

Remarks:

- Please mark applicant in the list with a single underline.
  - Please indicate the impact factor (IF) and/or the number of citations to each peer-reviewed journal paper or conference paper, if possible.
- (3) Copies of three major publications (for each publication within 100 words in English or 200 characters in Japanese)
- (4) Summary of the past academic and research activities (about 500 words in English or 1,000 characters in Japanese).
- If he/she has experience in participating international research project or large-scale project, and/or academic services such as program committees of international conferences, please mention such activities in the summary.
- (5) Statement of research and education goals upon appointment (about 1,000 words in English or 2,000 characters in Japanese)
- (6) A list of two references (including the names, affiliations, phone numbers, and e-mail addresses)

#### 9. Application Deadline

November 15th, 2023 (JST).

#### 10. Salary

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

#### 11. Probation Period

The probation period is three months.

#### 12. Working Form

Discretionary labor system for professional work (The working hours for a day is deemed as 7 hours and 45 minutes.)

#### 13. Health Insurance

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

#### 14. Measures to Prevent Second-hand Smoke

Smoking in designated areas only

#### 15. Application

Administrative Affairs, Faculty of Information Science and Technology, Hokkaido University

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Phone: +81 11 706 6945

E-mail: [soumu@ist.hokudai.ac.jp](mailto:soumu@ist.hokudai.ac.jp)

- Application materials must be submitted by either online submission via the JREC-IN Web application, or by registered mail with “Application for Assistant Professor in the Division of Systems Science and Informatics, Faculty of Information Science and Technology, No. 05-106” in red ink on the surface of the envelop.
- The documents once submitted will not be returned. Personal information will be exclusively used for the screening.

## 16. Inquiries

Prof. Itsuki Noda, Ph.D., Head of Division of Computer Science and Information Technology

Faculty of Information Science and Technology, Hokkaido University

E-mail [csit-kobo@elms.hokudai.ac.jp](mailto:csit-kobo@elms.hokudai.ac.jp)

- Finalists will be interviewed either in person or online. However, in the case of in-person interview, the travel expenses for the interview will not be provided.
- At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender equality. 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.