Recruitment of Assistant Professor in the Faculty of Information Science and Technology, Hokkaido University

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. Department

   Faculty of Information Science and Technology, Division of Computer Science and Information Technology, Laboratory of Mathematical Science for Computing (see Attachment).

3. Research Field

   Laboratory of Mathematical Science for Computing aims to provide theories, technologies and methodologies with a solid mathematical background for various fields of engineering and information science, such as machine learning and signal processing, with a basic stance to elucidate structures, mechanisms, properties and limitations by mathematical analyses and modeling.

4. Duties

   The successful applicant will be partly in charge of the following tasks.

   (1) Subjects in the Graduate School of Information Science and Technology:
       “Advanced Exercise in Computer Science and Information Technology”,
       “Advanced Study in Computer Science and Information Technology”, and others.

   (2) Subjects in the School of Engineering:
       “Experiment in Computer Science and Information Technology I,II”,

   (3) Subject in the general education
       “Freshman Seminar”, and others.
(4) Others
Administrative tasks in the university.

5. Qualifications
(1) Applicant should have a doctoral degree or Ph.D at the time of appointment.
(2) Applicant should have outstanding achievements and publications in the research field.
(3) Applicant should have strong motivation for education, research and other duties related to the management of the Faculty of Information Science and Technology.
(4) Applicant should have sufficient Japanese proficiency to smoothly carry out education, research, and administrative tasks.

6. Desired Employment Date
April 1, 2020

7. Probation Period
The probation period is three months.

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

9. Working Form
Discretionary labor system for professional work.
*The working hours for a day are deemed as 7 hours and 45 minutes.

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

11. Name of Recruiting Institution
Hokkaido University

12. Application Materials
Printed documents of the following items and corresponding PDF files stored in CD or
DVD or USB memory.

(1) Curriculum Vitae
*Free format with an attached photo taken within six months, contact details (address, phone, and e-mail), academic record, job experience, international society activity, degree, qualifications, 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., Articles published in academic journals)
2. Reviewed conference papers (e.g., Papers in the proceedings)
3. Other papers
4. Books (including co-authored ones)
5. Survey articles
6. Patents
7. Awards
8. Grants (with information whether the applicant is principal investigator of the grant or not)
9. Other accomplishments (e.g., society activities, social contribution)
* For 1.-3., please separate the items in which the applicant is the first author, and the other items.
* For 1.-2., please provide the impact factor (IF) of the journal and/or the number of citations (CT), if any.

(3) Copies of three major publications and their abstracts (about 100 words for each)
(4) Summary of past and current research (about 500 words)
(5) Summary of achievements on education (TA, RA, part-time lecturer etc.)
(6) Statement of research and education goals upon appointment (about 500 words)
(7) A list of two reference persons (name, affiliation, phone numbers and e-mail address)

13. Application Deadline
Monday, September 30, 2019 (JST)
*The deadline must be strictly observed.
14. Application
Administrative Affairs, Faculty of Information Science and Technology, Hokkaido University,
Kita 9 Nishi 14, Kita-ku, Sapporo, Hokkaido 060-0814 Japan
*Application materials must be submitted by registered mail with “Application for Assistant Professor in the Faculty of Information Science and Technology” in red ink on the surface of the envelop.

15. Inquiries
Prof. Masaharu Yoshioka
Faculty of Information Science and Technology, Hokkaido University
Kita 9, Nishi 14, Kita-ku, Sapporo Hokkaido 060-0814 Japan
E-mail: csit-kobo@ist.hokudai.ac.jp

16. Remarks
● Please note that an interview may be conducted if necessary. In that event, the applicant is responsible for any travel expenses.
● 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.
● The documents once submitted will not be returned. Personal information will be exclusively used for the screening.
<table>
<thead>
<tr>
<th>Research group</th>
<th>Laboratory</th>
<th>Professor</th>
<th>Associate Professor</th>
<th>Assistant Professor</th>
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<tbody>
<tr>
<td>Research Group of Synergetic Information Engineering</td>
<td>Intelligent Software Engineering</td>
<td>KURIHARA Masahito (specially appointed)</td>
<td>OYAMA Satoshi</td>
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<td></td>
<td>Autonomous Systems Engineering</td>
<td>YAMAMOTO Masahito</td>
<td>IIZUKA Hiroyuk</td>
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<td></td>
<td>Harmonious Systems Engineering</td>
<td>KAWAMURA Hidenori</td>
<td>YAMASHITA Tomohisa</td>
<td>YOKOYAMA Soichiro</td>
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<td></td>
<td>Human-Computer Interaction</td>
<td>ONO Tetsuo</td>
<td>SAKAMOTO Daisuke</td>
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<tr>
<td>Research Group of Knowledge Software Science</td>
<td>Large-Scale Knowledge Processing</td>
<td>Will be appointed soon</td>
<td>Will be appointed soon</td>
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<td></td>
<td>Knowledge Base Engineering</td>
<td>YOSHIOKA Masaharu</td>
<td>OKUBO Yoshiaki</td>
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<td></td>
<td>Information and Knowledge Network Engineering</td>
<td>ARIMURA Hiroki</td>
<td>KIDA Takuya</td>
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<td>Algorithmics</td>
<td>ZEUGMANN Thomas</td>
<td>JORDAN Charles</td>
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<td>Research Group of Mathematical Science for Computing</td>
<td>Mathematical Science for Computing</td>
<td>TANAKA Akira</td>
<td>KAWAGUCHI Mayuka</td>
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<td></td>
<td>Pattern Recognition and Machine Learning</td>
<td>KUDO Mineichi</td>
<td>NAKAMURA Atsuyoshi</td>
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<td></td>
<td>Intelligent Information Systems</td>
<td>SUGIMOTO Masanori</td>
<td>WATANABE Hiroki</td>
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<td></td>
<td>Information and Data Analysis</td>
<td>IMAI Hideyuki</td>
<td>HIROSE Yoshihiro</td>
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Computer science and information technology course, Graduate School of Information Science and Technology are organized with following other divisions.

<table>
<thead>
<tr>
<th>Research Group of Large-scale Information Systems (Information Initiative Center)</th>
<th>High-performance Computing</th>
<th>OMIYA Manabu IWASHITA Takeshi</th>
<th>FUKAYA Takeshi</th>
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<tr>
<td>Information Systems Design</td>
<td>MUNETOMO Masaharu</td>
<td>SUGIKI Akiyoshi</td>
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<tr>
<td>Advanced Information Networks</td>
<td>TAKAI Yoshiaki</td>
<td>IIDA Katsuyoshi</td>
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<tr>
<td>Advanced Data Science</td>
<td>MIZUTA Masahiro MINAMI Hiroyuki</td>
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<tr>
<th>Department of Mathematics (Faculty of Science)</th>
<th>Applied Singularity Theory</th>
<th>OHMOTO Toru</th>
<th>TORIELLI Michele</th>
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<tbody>
<tr>
<td>Global Station for Big Data and Cybersecurity (GSB) (Global Institution for Collaborative Research and Education University of Massachusetts Amherst (UMass) Unit)</td>
<td>ALLAN James ZILBERSTEIN Shlomo</td>
<td>CORNER Mark D.</td>
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