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

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

1. Position
   Associate Professor

2. Department
   Faculty of Information Science and Technology, Division of Electronics for Informatics, Research Group of Integrated Systems Engineering

3. Research Field
   Research field of emerging materials, devices, and circuit systems for next-generation integrated nanoelectronics. In particular, one of the following field, or these interdisciplinary field: (1) development and physical proof of core technologies for device-aware circuit and systems exploiting physical properties of nanomaterials and devices (e.g., quantum fluctuation, nonvolatile functionality, etc.), (2) Construction and actual proof of novel measurement and control systems for nano-physical systems based on analog and digital circuit technologies, (3) Development and physical proof of revolutionary information-processing nano-systems’ base targeting near-future integrated systems, e.g., integrated artificial intelligence, IoT, etc., towards their social applications.

4. Works in Charge
   In Division of Electronics for Informatics, Graduate School of Information Science and Technology, (1) co-handling the following subjects: “Integrated Information Processing”, “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 inter course subjects and special subjects, as with (3) extra subjects in the graduate school, inter department subjects, and inter school subjects.
In addition to research and education, (4) university’s operation management will partly be assigned.

5. Qualifications
   (1) Ph.D. degree at the time of appointment
   (2) Ability to handle university’s operation 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
   December 1, 2019

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 is 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

(1) Curriculum Vitae
   * Free format with an attached photo taken within six months, academic history, degree, qualifications, record of awards, employment history, research history, teaching experience, affiliated academic society, activities in academic society.
   * 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 publications
   * Publications should be classified in the following order: peer-reviewed academic papers, conference papers, books, review/survey articles, patents.
   * For each peer-reviewed academic paper, its impact factor and citation counts should be indicated.

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

(4) Copies of five 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 1,000 words). International joint research activities should be described if they exist.

(6) Statement of research and education 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) burned in CD or DVD must be submitted upon application.

13. Selection

Applicants who passed the first document-based screening will be interviewed in early September 2019.

14. Application Deadline

Friday, August 23, 2019 (JST)
*The deadline must be strictly observed.

15. Application

Administrative Affairs, Faculty of Information Science and Technology, Hokkaido University
Kita 14 Nishi 9, Kita-ku, Sapporo Hokkaido 060-0814 Japan
*Application materials must be submitted by registered mail with “Application for Associate Professor in the Faculty of Information Science and Technology” 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

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17. 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.