Recruitment of Professor in the Faculty of Information Science and Technology
Hokkaido University (Electric Energy Conversion Laboratory)

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

1. Position
Professor (tenured)

2. Name of Recruiting Institution
Hokkaido University

3. Department
Division of Systems Science and Informatics, Faculty of Information Science and Technology

4. Research Fields
Energy conversion technologies based on theoretical and experimental methodology, such as (1) electric machine, power electronics and industrial application, (2) power conversion equipment related to renewable energy such as solar cells and wind power generation, (3) wireless power supply, sensor fusion and industrial application of next-generation power semiconductor devices.

5. Teaching responsibilities
The successful applicant will be requested to teach subjects such as:

Advanced Exercise in System Science and Informatics I and II, Advanced Study in System Science and Informatics, Electric Energy Conversion, and others at the Graduate School of Information Science and Technology,

Electric Machinery, Power Electronics, Linear System Theory, System Design, System, Control and Electrical Engineering Laboratory I and II, Exercise in System, Control and Electrical Engineering I and II, and others at the Undergraduate School of Engineering, and some subjects in the general education course.

6. Qualifications for application
(1) PhD at the time of appointment,

(2) Ability to give lectures listed above in Japanese and in English,

(3) Outstanding achievements and publications in the research fields listed above, and

(4) Strong motivation for education, research and other duties related to the management of the Faculty of Information Science and Technology.

7. Desired Start Date
September 1, 2023

8. Application Materials (a set of the printed materials and a USB memory in which the materials are stored)
(1) Curriculum Vitae

*Free format with an attached photo taken within six months, academic history, degree, qualifications, record of awards and employment history.

*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 (peer-reviewed journal papers, peer-reviewed international conference papers, other papers, book chapters, tutorial papers, invited talks, patent (publications and establishments), awards, activities at academic societies, research projects, and society contributions). Give additional statements of the JCR impact factor and the number of citations

to each journal paper, if possible.

(3) A copy of five major publications

(4) Summary of past and current research (about 1,000 words in English or 2,000 characters in Japanese)

(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, phone numbers and e-mail addresses)

9. Submission Method

Applications should be sent using either of the following:

(1)   Via registered mail to the postal address indicated below. Please indicate "Application for Professor in the Division of Systems Science and Informatics, Graduate School of Information Science and Technology, No. 04-104" in red ink on the surface of the envelope.

【Postal address for document submission】

   Administrative Affairs, Graduate School of Information Science and Technology, Hokkaido University

   Kita-14, Nishi-9, Kita-ku, Sapporo 060-0814, Hokkaido, Japan

   Phone: +81 11 706 6945

   E-mail: soumu@ist.hokudai.ac.jp

(2)   Via upload link of JREC-IN Portal(https://jrecin.jst.go.jp/seek/SeekTop).

The submitted document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

10. Application Deadline

April 7, 2023 (JST).

11. Salary

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

12. Probation Period

The probation period is three months.

13. Working Form

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

14. Health Insurance

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

15. Measures to Prevent Second-hand Smoke

Smoking in designated areas only

16. Inquiries

Prof. Takayuki Tanaka, Sub-Head of Division of Systems Science and Informatics

Faculty of Information Science and Technology, Hokkaido University

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E-mail：ttanaka@ssi.ist.hokudai.ac.jp

* Oral interview will be conducted for the finalists, however the travel expense 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. 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.