

## **Recruitment of Project Assistant Professors in the Faculty of Information Science and Technology, Hokkaido University**

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

### **1. Position, number of openings, and employment term**

Project associate professor, three openings, from the earliest possible date after October 1, 2024 up to March 31, 2025.

(The term of office is for a single year. The term of office is for a single year and may be renewed every other year upon review of performance. (The maximum term of office is until March 31, 2028.))

### **2. Name of Recruiting Institution**

Hokkaido University

### **3. Department**

Laboratory of Intelligent Robots and Systems, Research Group of System Synthesis, Division of Systems Science and Informatics, Faculty of Information Science and Technology

### **4. Job description**

The successful candidate will participate in the research project "Development of XR Remote Support System for Disaster Medical Response, Trauma Treatment, and Trauma Surgery" (research period: from November 7, 2023 to March 31, 2028, project leader: Prof. Atsushi Konno) supported by Acquisition, Technology & Logistics Agency.

### **5. Research Fields**

XR (virtual reality, augmented reality, mixed reality, etc.) and telemedicine using these technologies. In particular, the successful candidate will be responsible for research in one of the following areas: (1) physical simulation based on real-time finite element analysis, (2) 3D model generation of the environment and human body based on point clouds, meshes, and other geometry processing, (3) telemedicine support based on XR and telexistence, and (4) other fields providing new insights into telemedicine support system.

### **6. Qualifications for application**

- (1) PhD at the time of appointment,
- (2) Outstanding achievements and publications in the research fields listed above, and
- (3) Strong motivation for research.

### **7. Desired Start Date**

October 1, 2024

### **8. Application Materials**

- (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 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. Application Deadline**

May 31, 2024 (JST).

### **10. Salary**

Between 5 million JPY (approximately 33,485 USD) and 7.9 million JPY (approximately 52,906 USD). Starting salary calculation is made based on the career summary, etc.

### **11. Probation Period**

The probation period is 1 months.

### **12. Working Form**

Discretionary labor system for professional work based on consent (the working hours for a day is deemed as 7 hours and 45 minutes), or fixed work system.

### **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. 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 Associate Professor in the Division of Systems Science and Informatics, Faculty of Information Science and Technology, No. 05-110" in red ink on the surface of the envelop. A set of the printed materials and a USB memory in which the materials are stored have to be included.

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>). A set of application materials in PDF format has to be uploaded.

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

### **16. Inquiries**

Prof. Yuh Yamashita, Head of Division of Systems Science and Informatics

Faculty of Information Science and Technology, Hokkaido University

Phone: +81 11 706 6451

E-mail: yuhyama@ssi.ist.hokudai.ac.jp

\* Oral interview will be conducted for the finalists, however the travel expense for the interview will not be provided. The interview will be conducted online if the finalist stays outside of Hokkaido Prefecture, Japan.

\* 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.