Assistant Professor in Informatics (Project-specific Research Position, Faculty of Library, Information and Media Science, University of Tsukuba)

1. Institution

University of Tsukuba
URL: https://www.tsukuba.ac.jp/en/

2. Department

Faculty of Library, Information and Media Science
URL: http://www.slis.tsukuba.ac.jp/grad/english/

3. Institution Type

National University

4. Overview

Faculty of Library, Information and Media Science at the University of Tsukuba invites applications for a position of Assistant Professor who will conduct research in a JST CREST project "Design and Deployment of a xDiversity AI platform for Audio-Visual-Tactile Communication towards an inclusive society" (PI: Yoichi Ochiai). In the project, we will realize integration of complementation (viewing / listening / touching) of human spatial recognition ability and complement of spatial interference ability (moving objects / communicating information with sound and light / moving the body) through researchers' collaboration, and will design AI for people's capacity expansion and capacity complementation. Specifically, robust connections, we will work on prototype and field verification (workshop and open source hardware recipe release) by using machine learning system or embodied robotics / audio-visual tactile sense. We are aiming to acquire followers that will contribute to the emergence of innovation and to expand collaboration in those fields. Japan Science and Technology Agency (JST) is an independent public body of the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

5. Job Description

The successful candidate will conduct research in JST CREST Project "JST CREST Design and Deployment of a xDiversity AI platform for Audio-Visual-Tactile Communication towards an inclusive society", in collaboration with project members and research collaborators in Japan and other countries.

6. Research Field (Jrec-in Classification)

Area: Informatics Discipline: Frontiers of informatics

Area: Informatics Discipline: Computing Technologies

Area: Informatics Discipline: Human informatics

7. Title

Assistant Professor

8. Employment Status

Full-Time (Nontenured)

Limited period from August 1st, 2018 until March 31st, 2020.

9. Work Location

Kanto District - Ibaraki prefecture

10. Address

Faculty of Library, Information and Media Science

University of Tsukuba

1-2 Kasuga, Tsukuba, Ibaraki, 305-8550, JAPAN

11. Number of Positions

One

12. Applicant Qualifications

Applicant must satisfy following all requirements.

1) Experience of project works in engineering for physical disabilities and hearing and visual impairments,

2) At least 2 years of practical experience in development field,

3) Experiences in exhibition as an independent artist or designer in design field and art field,

4) Language skill to communicate with student and researcher in English (and preferably in Japanese), and research skill to manage small research group (4 to 5 members),

5) Master's degree (or equivalent), sufficient knowledge of information science and related fields, and English ability enough to read and write articles.

13. Working Conditions

Annual Salary Scheme (4,800,000 to 5,760,000 JPY/Year)

Working days and hours: From Monday to Friday, 7 hours and 45 minutes a day (Rest period 60munuites from 12:15 to 13:15),

Days off: Every Saturday and Sunday, National holidays, New Year's holiday season (12/29-1/3)

Commutation Allowance paid (calculated by the rules of employment in University of Tsukuba)

Joining social insurance, application of employment insurance, and worker's compensation insurance

Pay parking lot available

14. Deadline for Applications

May 15th, 2018 (Japan Standard Time)

15. Day of Arrival at the New Post

As soon as possible after August 1st, 2018

16. Application Documents

Curriculum Vitae   1 set

Please include a description of followings:

* Full name, Current address, Email address, Home Page URI (if any)

* Affiliation

* Possible Date of Arrival

* Education background (University level and above)

* Employment history

* Honors and Awards

* Professional activities (program committees, reviewers, memberships)

* Outline of practical performance including concrete achievements (about 3 pages), regarding qualifications about 1), 2), 3), and 4).

* Full list of research achievements (grouped by the following categories: academic books, peer-reviewed academic journals, peer-reviewed proceedings of international conferences, articles and academic works, software, art works, patent and research funds)

* A short statement of future research plans at this project (about 1 page)

* Contact details of two references (full name, affiliation, relationship, email address)

* Please use A4 or Letter size paper with portrait orientation.
* Application materials are used for selection process only.
* Deadline: 5pm. on May 15th, 2018 (JST)

\<Submission\>
Please send a zipped attachment where all documents are in PDF format to the following email address: slisjobs#@#un.tsukuba.ac.jp　（delete the hash tags）
* Please make sure that attachment file does not exceed 8MB.
* The email subject must be "Application for CREST Assistant Professor".
* We will reply a receipt of your submission within two days (except holidays).

17.　Screening of Application Materials and Interview
For shortlisted candidates, interview can be either conducted onsite at the university or using Skype. The applicants pay for their own travel expenses for the interview.

18.　Contact
Professor Atsushi TOSHIMORI
Faculty of Library, Information and Media Science
University of Tsukuba
1-2 Kasuga, Tsukuba, Ibaraki, 305-8550, JAPAN
Email: tosimori#@#slis.tsukuba.ac.jp　（delete the hash tags）

19.　Additional Information
Please see following webpage to know CREST xDiversity.
https://xdiversity.org