

Announcement for Project Researcher/Project Research Associate Position

1. Recruitment number: 1-2
2. Working style : Full-time (Fixed-term Project Academic and Administrative Staff)
3. Location : Sugiura Lab, Institute of Industrial Science,
The University of Tokyo
4. Place of Work : 4-6-1 Komaba Meguro-Ku, Tokyo
5. Job Description : To support research and development activities related to projects in the physical layer (signal processing) areas of Beyond 5G/6G. More specifically, the work will involve signal processing design and optimization of intelligent reflecting surfaces and/or physical layer security for wireless communications, including algorithm development, simulations and testing, and publishing high-quality research papers in high-ranked journals. The postholder will also be expected to lead on the drafting and submission of papers to top international journals.
6. Eligibility : (1) Those who have obtained a doctoral degree less than five years ago or are expected to obtain it by the time they arrive.
(2) Those who have knowledge and experience in the field of physical layer of wireless communications (signal processing, communication theory, wireless networking, or antenna/propagation).
(3) Those who can carry out research in collaboration with collaborators in the project.
7. Contract Term : As early as possible after one month from the date of employment decision (yet, still negotiable)
※The first-year contract will be ended on March 31, 2023. The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) according to the following relevant factors, such as budget status, progress of the work assigned, the amount of the work at the end of the term, applicant's performance, work record, and attitude, and applicant's medical conditions.
※Probationary period is 6 months from the date of arrival.
8. Wages and Compensations : : To be determined in accordance with The University of Tokyo Regulations. A monthly payment of JPY450,000 per month (corresponding to JPY5,400,000 per year) or more, based on

experience, achievements, etc., not exceeding JPY800,000 per month (corresponding to JPY9,600,000 per year). (Including achievement allowance.) Commuting allowance is JPY55,000 per month at maximum. There is no pay raise system within the contract period.

9. Working days : Work 5 days a week (Monday to Friday)

※Day offs: Saturdays and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays (December 29 through January 3).

10. Working hours: Discretionary labor system for professional work applies and working hours will be deemed as 7 hours 45 minutes per day, or 38 hours 45 minutes per week.

11. Leaves: Annual Paid Leave, Special Leave, etc.

12. Social insurance : Eligible for MEXT* Mutual Aid Association membership, employees' pension, employment insurance, and workers' accident compensation insurance. (*MEXT: Japan's Ministry of Education, Culture, Sports, Science and Technology)

13. Documents to be submitted :

- (1) The University of Tokyo Standard Resume Format (<https://www.u-tokyo.ac.jp/en/about/jobs.html>)
- (2) Publication list
- (3) Overview of research achievements and enthusiasm (Two A4 sheets)
- (4) Names and contacts for two references

14. Application deadline : July 31, 2022

※The search will be closed when the position is filled

15. Selection method: : All applications will be screened, and only those qualified will be scheduled for an interview.

16. Sending documents : E-mail sugiura@iis.u-tokyo.ac.jp

17. Recruiter Name: The University of Tokyo

18. Others • Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for this job selection process.

• Submitted documents will not be returned.

• If you are personally in contract with foreign governmental bodies, corporations or universities, or you are in receipt of a large benefit (financial or any other form) from foreign governmental bodies during the period of your employment, the provisions of the

Foreign Exchange and Foreign Trade Act (FEFTA) may prohibit or restrict the sharing of technology that are designated as controlled technology possibly making it difficult for you to fulfill your duties as an academic or administrative staff of the university as a result. Therefore, in such cases it is necessary to keep such contracts/benefits within the scope where it does not hinder the sharing of technologies necessary for your duties by the university.