

**Opening for tenure-track Principal Investigator (Associate / Full Professor)
at the International Research Center for Neurointelligence,
The University of Tokyo Institutes for Advanced Study**

The International Research Center for Neurointelligence (IRCIN), based at The University of Tokyo Institutes for Advance Study in Japan, is seeking pioneering, enthusiastic, collaborative, and open-minded scientist(s) to establish a research program in neuro-inspired artificial intelligence (A.I.). We are particularly interested to promote in-house collaboration between theorists and experimentalists around emergent principles of brain development and its disorders.

Human and artificial intelligence have much to learn from each other. At IRCIN, we focus on brain development and its disorders to inspire novel A.I. as well as its application toward disease prediction and prevention. Our Team Science approach has made breakthrough discoveries in five areas: Neuromodulation (reinforcement learning), Critical Period Mechanisms, Social Learning, Intrinsic Activity and Predictive Coding. We are now seeking exceptional candidates for the role of Principal Investigator (Professor or Associate Professor) to integrate these findings into innovative A.I. This fusion of basic and clinical neuroscience with computational approaches is actively supported by state-of-the-art core facilities in cellular and human imaging, data science and gene targeting tools.

IRCIN was originally launched in October 2017 as a World Premier International (WPI) Research Center Initiative of the Ministry of Education, Culture, Sports, Science and Technology (MEXT). Through the WPI mechanism, IRCIN established a research and administrative vision for an international ecosystem to attract the best scientists from around the world to Japan. IRCIN accommodates and encourages diverse scientists from all countries to carry out novel, ambitious, cutting-edge research toward a value-added trans-disciplinary global impact. For further information about IRCIN, see: <https://ircn.jp/en/>

IRCIN welcomes all qualified candidates, regardless of nationality or gender, and works positively to eliminate biases. Notably, IRCIN has an extensive overseas research network, encourages and supports our candidates' close collaborations with them. Our institutional language is English; Japanese language skills are not required. Support for researchers to live and thrive in Japan is provided by our talented staff. Start-up fund is provided during the initial period of the PI's laboratory. See link below for more information.

1.	Title / Number of positions / Subject Area	Principal Investigator of IRCIN (Professor, Associate Professor rank), up to three.
2.	Subject Area	Neuro-inspired A.I.
3.	Starting Date	September 1st, 2024, or earliest possible date thereafter
4.	Form of employment	Full-time (tenure-track)
5.	Term of Employment	Five years with a tenure assessment to be conducted before the end of the term. Note that appointment does not extend beyond the end of the academic year in which he or she attains the retirement age (65).

6.	Probationary Period	14 days from the date of hiring. Salary and benefits remain the same during the probationary period.
7.	Place of Work	International Research Center for Neurointelligence, The University of Tokyo, Institutes for Advanced Study 7-3-1 Hongo Bunkyo-ku Tokyo, 113-0033 JAPAN
8.	Affiliation	International Research Center for Neurointelligence, The University of Tokyo, Institutes for Advanced Study
9.	Job Description	See front page of this document.
10.	Working Hours	Under the discretionary work system for specialized work, the employee is considered to work 7 hours and 45 minutes per day and 5 days per week (38 hours 45 minutes per week).
11.	Days off and holidays	Saturday and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays (December 29 through January 3)
12.	Paid Leaves	Annual paid leaves, refreshment leave, congratulatory or condolence leave, etc. (In accordance with The University of Tokyo regulations)
13.	Salary & Benefits	<ul style="list-style-type: none"> ● Salary: Annual salary system in accordance with the University of Tokyo Regulations. Salary is to be determined according to qualifications, ability, experiences, etc. ● Commuter allowance: when conditions apply, JPY55,000 per month at maximum ● No retirement benefits or bonuses
14.	Available insurances	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)
15.	Qualifications	<ol style="list-style-type: none"> 1) Candidates should hold a doctoral degree (Ph.D. or equivalent). 2) Candidates should have their own original research plans in the subject specified above and demonstrated abilities to acquire external or competitive funds to promote their own research. 3) Candidates should be qualified to offer graduate-level instruction and classroom teaching in English with demonstrated capacity to supervise and teach graduate students. 4) Candidates should have an international research network in a relevant subject and a strong commitment to the development and the strategic and operational management of the institute.
16.	Application documents	<p>Please prepare the following materials in PDF format in English.</p> <ol style="list-style-type: none"> 1. 1-to-2-page cover letter including a statement of interests. Please indicate the desired rank (Professor or Associate Professor). 2. Curriculum vitae including educational background, professional experience, honors and awards, mailing address, and e-mail address. 3. Resume in UTokyo Format Please download and use the University of Tokyo Standard Resume Format. (https://www.u-tokyo.ac.jp/en/about/jobs.html) 4. List of research achievements classified into the following categories (peer-reviewed journal papers, refereed international conference proceedings, books authored, reviews,

		<p>and intellectual property). Please indicate publications in which you are the first or corresponding author with an asterisk (*).</p> <ol style="list-style-type: none"> 5. List of acquired external research grants, fellowships, or competitive funds. The type, project title, period of research, and budget should be provided for each item. Please specify applicant's contribution as a principal or cooperative investigator. In case where you act as co-investigator, please specify the total and allocated budgets. 6. Abridged list of major honors and awards, academic society activities, editorial activities, grant proposal review panels, other service-related activities, committee activities, and social contribution or outreach activities. 7. List of twenty most important publications. 8. Outline of research achievements and current research objectives. Please limit length to three A4 / letter size pages. 9. Statement of research plans at IRCN that specifically address neuro-inspired A.I. through a developmental lens. Please limit length to three A4 / letter size pages. 10. Outline of past and current teaching activities and list of classes taught. Please specify the language used in classes. Please limit length to two A4 / letter size pages. 11. Statement of teaching and public outreach plans. Please limit length to one A4 / letter size page. 12. List of names and contact information of four references. Two or more references should be from researchers based in institutions outside of Japan. The name, affiliation, postal address, telephone number, e-mail address, and their relationship to the applicant should be provided.
17.	Submission Method	Please submit your application to the address specified in "19. Contact" by December 15, 2023, 17:00(JST). The application materials will not be returned. We will notify you via e-mail upon receipt of your application within 5 business days.
18.	Application Deadline and selection process	December 15, 2023, 17:00(JST). The selection committee will start reviewing the submitted materials on December 16, 2023. Selected candidates will be interviewed and requested to give a public seminar on their research in English.
19.	Contact	For inquiries, please contact Ms. Asako Sato (asako#ircn.jp). (Please replace # with @ before using this email address)
20.	Recruiter name	The University of Tokyo
21.	Status of measures to prevent passive smoking	Smoking is prohibited on the premises (smoking areas are located outside)
22.	Other notices	<ol style="list-style-type: none"> (1) Submitted documents will not be returned. Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for the job selection process. (2) Travel cost will not be paid in screening process. (3) The University of Tokyo promotes gender equality and actively encourages women to apply. (4) If you are personally in contract with foreign governmental bodies, corporations or universities, or you are in receipt of a

		<p>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.</p>
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