Faculty Position in SANKEN, the University of Osaka

Outline	The scientific understanding of intelligence and its engineering realization—namely, the foundational advancement of artificial intelligence research—require computational and mathematical approaches grounded in information science. By modeling the knowledge derived from such approaches and translating it into novel system technologies, it becomes possible to develop applications that contribute to solving real-world societal challenges. Next-generation artificial intelligence systems will be realized by bridging fundamental research and practical applications, with both the modeling and implementation of intelligence serving as central pillars. Through the promotion of research centered on intelligence modeling that addresses societal challenges, this field aims to drive the advancement of information science and ultimately contribute to the creation of new academic foundations. Based on these considerations, SANKEN has established a new department, the Department of Intelligence Modeling, and is now inviting applications for a professor position. The Department of Intelligence Modeling promotes the development of new theoretical frameworks and cutting-edge applications by integrating the theoretical modeling of intelligence with its implementation technologies, grounded in methodologies from information science. Through these research activities, the department seeks to collaborate not only with artificial intelligence–related areas within Division 1, but also with research fields in quantum science and device engineering, thereby fostering the advancement of individual fields and the creation of new interdisciplinary research domains. Furthermore, close collaboration with other research divisions and centers within SANKEN is expected, with the aim of pioneering new academic areas and advancing fundamental science while maintaining a clear focus on societal impact and practical outcomes. In addition, this department will serve as a cooperative course of the Graduate School of Information Science and Technology, contributing to graduate-level education and research. It is also expected to be responsible for education and research in the Department of Electronic and Information Engineering, Faculty of Engineering.
1. Position	Professor
2. Number of Positions	1 (One)
3. Affiliation	SANKEN (Department of Intelligence Modelling, Div.1 Information and Quantum Sciences)
4. Work Location	Suita Campus (8-1 Mihogaoka, Ibaraki-City, Osaka, Japan)
5. Specialized Field	Research areas broadly related to Intelligence Modeling (including Science for AI and AI for Science primarily grounded in information science)
6. Responsibilities	・ Research in the areas described above. ・ Educational activities for undergraduate and graduate school students ・ Administrative duties in SANKEN and the University of Osaka
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree or equivalent professional expertise and/or achievement in the above field/s (2) Excellent research achievements in the related field/s (3) Ability to provide education and research supervision for graduate and undergraduate students. (4) Business level or above Japanese and English language proficiency
	[Preferred] The ability to bring new academic strengths and research directions to SANKEN, and to contribute to its overall development.

8. Starting Date	April 1, 2027 (or as soon as possible thereafter)
9. Term of Employment	No Fixed Term (Until the end of the fiscal year at 65 years of age)
10. Probationary Period	6 months
11. Employment Type	Based on "6. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Staff" https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied with the applicant's consent. (deemed working hours: 8 hours a day)
12. Salary and Benefits	Based on "18. Salary Regulations for National University Corporation Osaka University Staff Subject to New Annual Salary System" https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html
13. Insurance	Medical insurance and employee's pension insurance of the Federation of National Public Service Personnel Mutual Aid Associations, Employment Insurance and Industrial Accident Compensation Insurance

14. Application Documents	Applications must be written in English or Japanese and include the following
	1. A Curriculum Vitae
	*Please use the university form for educational/research positions available at the following website.
	https://www.osaka-u.ac.jp/en/news/employ/links
	
	2. List of Research Achievements, including the following items:
	(1) Name, affiliation, position, and e-mail address; personal URLs for researchmap and/or ORCID (optional) — *Note 1*
	(2) Peer-reviewed original journal articles (including review articles) — *Note 2*
	(3) Peer-reviewed international conference papers (proceedings) — *Note 2*
	(4) The total number of citations, and a list of the top 10 most-cited original journal articles and international conference papers in which the applicant played a leading role, such as first author or corresponding author.
	   Google Scholar should be used to obtain citation counts, and the Google Scholar URL must be provided.
	(5) Record of external research funding (please provide separate lists for grants obtained as Principal Investigator and for those in which you participated as Co-Investigator)
	   Please list the funding scheme and grant name, project period, project title, and total budget including overhead costs.
	   Funding should be categorized into *competitive funding from national/government agencies* and *research funding from foundations and private companies*.
	   Listing research funding from private companies is optional.
	(6) Awards and honors
	(7) Expository and review articles
	(8) Books
	(9) Patents
	(10) List of major invited talks (up to 10)
	3. Summary of Past Research Activities (Up to two pages (A4 size), including figures, clearly indicating the relationship to major publications)
	4. Research Plan After Appointment (Up to 2 pages (A4 size), including figures)
	5. Statement of Teaching Philosophy (Up to one page (A4 size))
	6. Names, affiliations, and contact information of two referees, and their relationship to the applicant
	7. PDF files of up to five major publications (please indicate the impact factor, citation count, and the role played by the applicant for each paper)
	
	Note 1: Name, affiliation, position, and e-mail address are mandatory. Personal URLs for researchmap and/or ORCID should be provided only if available. When including

	researchmap and/or ORCID URLs, please format them as hyperlinks so that clicking the URL directs to the relevant webpage. Note 2: Please list all authors for each publication, underline the applicant's name, and mark the corresponding author with an asterisk (*). Please also provide the DOI for each paper, and number the publications so that the total number of papers is clearly indicated. *Personal information in the application documents will only be used for the purpose of screening and hiring procedures, and will not be disclosed to any third party.
15. Sending Address and Contact Information	Please combine all application documents into a single PDF file and name the file "ApplicantName.pdf". Submit the file via the "Web Application" system on the JREC-IN Portal (applications by postal mail will not be accepted): https://jrecin.jst.go.jp/seek/SeekTop Contact Person: Director, SANKEN, The University of Osaka Shun'ichi Kuroda Tel: +81-6-6879-8508　　E-mail: 2026koubo-intelligence@ds.sanken.osaka-u.ac.jp
16. Application Deadline	August 19, 2026, Wednesday(Japan Standard Time)
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified within four weeks after the application deadline. *Travel and accommodation expenses necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview. *Please note that unsuccessful applicants will not be contacted.
18. Additional Information	Concerning work conditions other than the above-mentioned, please refer to "3. Work Regulations for National University Corporation Osaka University Staff" and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change. After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University. "Deemed exports" related to security export control are based on "Regulations Pertaining to Security Export Control". Osaka University Security Export Control Regulations .pdf We also particularly encourage applications from female candidates. The University of Osaka is committed to promoting gender equality and providing various supports for female academic staff members. https://www.di.osaka-u.ac.jp/ *The University of Osaka campuses and related facilities are smoke-free, except for designated areas. 　*National University Corporation Osaka University is the same as the University of Osaka.
19. Recruiter	The University of Osaka