

Faculty Position in SANKEN, The University of Osaka

Outline	<p>For the scientific elucidation and engineering realization of intelligence, it is important to understand humans not only from the logical perspective of intelligence but also from the perspectives of sensibility, psychology, and consciousness, and to realize engineering systems based on these perspectives. In particular, sensibility, psychology, and consciousness are indispensable for understanding intelligent interactions both between humans and the outside world, as well as among humans. There are also essential for realizing engineering systems based on such interactions. However, as artificial intelligence research from this perspective is still under development, it is necessary to conduct basic research on artificial intelligence technologies for interaction with humans.</p> <p>The Department of Intelligent Interaction will conduct the research in information science, interacting with humans to advance artificial intelligence research, beyond the next generation of deep learning. Through this research, the new faculty will collaborate with the artificial intelligence-related, as well as the quantum and device-related, research fields of the First Research Division of SANKEN to advance research in each field and discover new research areas. This department is also expected to promote research in close collaboration with other research divisions and centers of SANKEN, and to develop new academic fields and conduct research that contributes to industrial applications, all while responding appropriately to societal demands.</p> <p>In addition, this department will serve as a cooperative laboratory for the Graduate School of Information Science and Technology and will be responsible for education and research within the graduate school. This department will also engage in education and research in the Division of Electronic and Information Engineering, School of Engineering.</p>
1. Position	Professor
2. Number of Positions	1 (One)
3. Affiliation	Department of Intelligent Interaction, First Research Division (Quantum and Information Sciences), SANKEN (The Institute of Scientific and Industrial Research)
4. Work Location	Suita Campus (8-1 Mihogaoka, Ibaraki, Osaka, Japan)
5. Specialized Field	Research fields related to intelligent interaction. (including human interfaces and interactions, virtual reality, mixed reality, multi-agent system, Kansei informatics, cognitive science, and others).
6. Responsibilities	<ul style="list-style-type: none"> · Research in the areas mentioned above. · Educational activities for undergraduate and graduate students · Administrative duties at SANKEN (The Institute of Scientific and Industrial Research) and the University of Osaka.
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <ol style="list-style-type: none"> (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) The ability to provide educational and research guidance to graduate and undergraduate students. (4) Proficiency in Japanese and English at a business level or above.
8. Starting Date	August 1, 2025 (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 Form	<p>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)</p>
12. Salary and Benefits	<p>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</p>
13. Insurance	<p>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</p>
14. Application Documents	<p>Applications must be written in either English or Japanese and include the following; 1. A Curriculum Vitae (photo optional). *Please use the university form for educational/research positions, available at the following website. https://www.osaka-u.ac.jp/en/news/employ/links</p> <p>2. A list of research achievements (1) Name, affiliation, position, e-mail address (required), and your personal ORCID URL (optional) (*Note 1) (2) Peer-reviewed original papers (including review articles) (*Note 2) (3) Peer-reviewed international conference papers (proceedings) (*Note 2) (4) Total number of citations and a list of top 10 original papers and conference papers in terms of citations. Use Google Scholar as the citation search tool, and provide the for Google Scholar. (5) Status of obtaining external funding (specify the principal investigator and co-investigators): name of funding program/research fund, period, title of research project, and amount of research expenses, including indirect costs. (6) An outline of awards and prizes (7) Review and tutorial articles (8) Books (9) Patents (10) Invited presentations (within 10)</p> <p>3. An outline of your past research achievements (within two A4 pages, including figures) 4. An outline of your future research plan in this position (within two A4 pages, including figures). 5. A statement of your educational aspirations (within one A4 page) 6. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant 7. Reprints (PDF) of major peer-reviewed papers (up to 5), with their impact factors and numbers of times cited *Note 1: Name, affiliation, job title, and e-mail address" are required. If you have your own personal URL for researchmap and/or ORCID, please provide a hyperlink to the site when we click on the URL string. *Note 2: List the names of all authors, underline the applicant and mark the responsible author with an asterisk (*). Also include the DOI code of the paper. Number the papers so that the total number of papers is shown. *Personal information from the application documents will be used only for the purpose of screening applicants and conducting personnel and other procedures after employment. It will not be disclosed to any third party.</p>

15. Sending Address and Contact Information	<p>Please combine the above documents above into a single PDF file and send it to the email address below, with the email subject "[Application] Professor in the field of Intelligent Interaction Research". A confirmation email will be sent upon receipt. If you do not receive a response within three days, please email us again.</p> <p>Submission Email Address and Contact Information: Shun'ichi Kuroda, Director SANKEN (The Institute of Scientific and Industrial Research), The University of Osaka Tel: 06-6879-8508 E-mail: 2025koubo-interaction@sanken.osaka-u.ac.jp</p> <p>*Note: Please ensure that the attachments are sent with appropriate security measures.</p>
16. Application Deadline	Must arrive no later than Monday, March 31st, 2025 (Japan Standard Time)
17. Selection Process	<p>Document screening will be followed by interviews. Only those who pass the document screening will be invited for an interview.</p> <p>*Travel and accommodation fees necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview.</p> <p>*Please note that unsuccessful applicants will not be contacted.</p>
18. Additional Information	<p>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</p> <p>Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.</p> <p>After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University.</p> <p>“Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control”.</p> <p>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/</p> <p>*The University of Osaka campuses and related facilities are smoke-free, except for designated areas.</p> <p>*National University Corporation Osaka University is the same as the University of Osaka.</p>
19. Recruiter	The University of Osaka