

**Faculty Position in SANKEN (The Institute of Scientific and Industrial Research),
Osaka University**

Outline	<p>Quantum System Electronics, SANKEN (The Institute of Scientific and Industrial Research), Osaka University is studying the low-temperature quantum transport based on semiconductor quantum dots and the quantum science based on semiconductor spin qubits for application to quantum technologies. The current research area includes experimental works on (A) photon-spin quantum interface and its application to quantum networks, (B) intermediate-scale quantum links between spin qubits and their applications to quantum computers. The laboratory is seeking an academic staff member who works on the research with enthusiasm and can contribute to developing with a flexible attitude and harnessing the strength of the laboratory's research.</p> <p>The successful applicant will be responsible for not only conducting research but also teaching the undergraduate and graduate students. Inquiries regarding this position are welcome.</p> <p>Applications from those in a broad area, not limited to those only in low-temperature quantum transport are welcome.</p>
1. Position	Assistant Professor
2. Number of Positions	1 (One)
3. Affiliation	SANKEN (The Institute of Scientific and Industrial Research) (Department of Quantum System Electronics)
4. Work Location	Suita Campus (8-1 Mihogaoka, Ibaraki-City, Osaka, Japan)
5. Specialized Field	Condensed matter physics, Quantum information science
6. Responsibilities	<ul style="list-style-type: none"> · Research in the areas described above. · Educational activities for undergraduate and graduate school students · Administrative jobs in SANKEN and Osaka University.
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) Business level or above Japanese language proficiency
8. Starting Date	<p>October 1, 2024 (or as soon as possible thereafter)</p> <p>*The starting date is subjected to negotiation, including those who expect to complete the PhD course in March 2025.</p>
9. Term of Employment	<p>Five years from the starting date</p> <p>*Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation (*The maximum cumulative contract term is 10 years from the starting date, based on "Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc.").</p>
10. Probationary Period	6 months
11. Employment Form	<p>Based on "38. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff"</p> <p>https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>*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 “47. Salary Regulations for National University Corporation Osaka University Limited Term Staff Subject to New Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Retirement allowance will not be paid but special bonuses may be paid in accordance with “21. Special Regulations Pertaining to the Salary and Retirement Allowance for Special Case Staff of National University Corporation Osaka University”</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 English or Japanese and include the following</p> <ol style="list-style-type: none"> 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. A list of research achievements (original papers, review papers, books, patents, presentations at international conferences) 3. Reprints of major original papers (4 copies, photocopies acceptable) 4. A list and an outline of awards and prizes 5. An outline of research and education achievements (within two A4 pages) 6. A research plan and educational aspirations (within two A4 pages) 7. Recommendation letters from two professional referees 8. Copies of English proficiency certificate such as TOEFL, IELTS, TOEIC scores, a description of periods of residency outside Japan that demonstrate your English ability, or English related job experiences <p>*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.</p>
15. Sending Address and Contact Information	<p>Please submit by e-mail:</p> <p style="text-align: center;">oiwa@sanken.osaka-u.ac.jp</p> <p>*Write “Application for faculty position Assistant professor in SANKEN” in the subject line. *Attach the application documents in PDF format (with full security countermeasures).</p> <p>If any difficulty in submitting by e-mail, please submit by postal service: Attention: Professor Akira Oiwa SANKEN, Osaka University 8-1 Mihogaoka, Ibaraki-city, Osaka 567-0047 JAPAN</p> <p>*Please write “Application for faculty position (Assistant professor) in SANKEN” on the front of the envelope in red ink. *Applications should be sent by registered mail. *Submitted application documents will not be returned.</p> <p>Contact Person: Professor Akira Oiwa Tel: +81-6-6879-8405 E-mail: oiwa@sanken.osaka-u.c.jp</p>
16. Application Deadline	<p>April 30, 2024 (Tue) (Japan Standard Time) or until the position is filled</p>

17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified.</p> <p>*Travel and accommodation fees necessary for interviews are to be covered by the applicant.</p> <p>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 “36.Work Regulations for National University Corporation Osaka University Limited Term Staff” and/or related regulations.</p> <p>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>In principle, there will be no changes to the affiliation, work location, or responsibilities after employment.</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.</p> <p>Osaka University is committed to promoting gender equality and providing various supports for female academic staff members.</p> <p>http://www.di.osaka-u.ac.jp/en_lp/</p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	National University Corporation Osaka University