

**Faculty Position in the Center for Quantum Information and Quantum Biology,  
Osaka University**

Outline	<p>The Center for Quantum Information and Quantum Biology (QIQB), Osaka University, is composed of six research divisions: quantum computing, quantum information fusion, quantum information devices, quantum communication and security, quantum metrology and sensing, and quantum life sciences. We are dedicated to advancing research in these areas and promoting interdisciplinary research both within these fields and with other academic disciplines.</p> <p>We are seeking applicants suited for specially appointed professor(s) who will be responsible for undertaking these specific responsibilities.</p> <p>Recruitment ID: OS_01</p>
1. Position	Specially Appointed Assistant Professor (Full-time)
2. Number of Positions	a few people
3. Affiliation	Center for Quantum Information and Quantum Biology (QIQB)
4. Work Location	Toyonaka Campus (1-2 Machikaneyama-cho, Toyonaka-City, Osaka, Japan)
5. Specialized Field	Trapped-ion quantum technology / Nanophotonics Quantum Control Technology?
6. Responsibilities	<p>In the Osada group at the Center for Quantum Information and Quantum Biology (QIQB), Osaka University, we focus on research and development in trapped-ion quantum technology combined with photonics as part of Japan's Moonshot R&amp;D program. Our detailed research topics include:</p> <ul style="list-style-type: none"> <li>- Ion trapping with integrated photonic elements with novel methods.</li> <li>- Development of a novel ion-photon interface semi-integrated on trap chip.</li> <li>- Creation of a trapped-ion quantum node for implementation elementary quantum networking.</li> </ul> <p>We encourage applications from individuals with experience in quantum technology experiments as well as those from related fields.</p>
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <ol style="list-style-type: none"> <li>(1) A doctoral degree or its acquisition expected at the starting date</li> <li>(2) Excellent research achievements in the related field(s)</li> <li>(3) Expertise and experience in experiments using optics</li> </ol>
8. Starting Date	April 1 <sup>st</sup> , 2025 (or as soon as possible thereafter)
9. Term of Employment	<p>From the starting date to March 31<sup>st</sup>, 2026</p> <p>*Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation.</p> <p>* The total contract period at the University is based on “73. 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><a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></p> <p>* With consent, The Discretionary Labor System, Special Work Type will be applied (deemed working hours: 8 hours a day)</p>

12. Salary and Benefits	<p>Based on “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System”  <a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></p> <p>Remuneration: 4,851,900 JPY ~ per annum. (Monthly payments of one-twelfth of annual salary) *It will be decided according to the responsibilities assigned based on the applicant’s qualifications.  Commuting allowance  *Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.</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"> <li>1. A Curriculum Vitae (gender and photograph are not required for the application)  *Please use the university form for educational/research positions available at the following website.  <a href="https://www.osaka-u.ac.jp/en/news/employ/links">https://www.osaka-u.ac.jp/en/news/employ/links</a></li> <li>2. A list of research achievements (original papers, review papers, books, patents, presentations at international conferences)</li> <li>3. Copies of up to 5major original papers (photocopies are acceptable.)</li> <li>4. A list and an outline of awards and prizes</li> <li>5. An outline of research and education achievements (within two A4 pages)</li> <li>6. A research statement and educational objectives(within two A4 pages)</li> <li>7. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant</li> </ol> <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.  *Submitted application documents will not be returned.</p>
15. Sending Address and Contact Information	<p>Please submit by e-mail:  osada.alto.qiqb★osaka-u.ac.jp (Please convert “★” into “@” )</p> <p>*Write “OS_01 Application for Specially Appointed Assistant Professor for QIQB Osada group” in the subject line.  *Attach the application documents in PDF format (with full security countermeasures).  *Postal submissions are not accepted.</p> <p>Contact Person: Associate Professor Alto Osada  E-mail: osada.alto.qiqb★osaka-u.ac.jp (Please convert “★” into “@” )</p>
16. Application Deadline	<p>until the position is filled</p>
17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified within two weeks after confirming receipt of application documents.  *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.  *Please note that unsuccessful applicants will not be contacted.</p>
18. Additional Information	<p>Working conditions other than those mentioned above are based on “Work Regulations for National University Corporation Osaka University Limited Term Staff”  <a href="https://www.osaka-u.ac.jp/en/guide/publications/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/publications/kitei_shugyou.html</a>  Please note that the above-mentioned work conditions are relevant as of the day this employment offer is posted and are subject to change.</p> <p>In principle, there will be no change in the affiliation, work location, or job description once the successful candidate commences work.</p>

	<p>“Deemed exports” for security export control are governed by Regulations on Security Export Control at Osaka University  <a href="https://www.osaka-u.ac.jp/kitei/reiki_honbun/u035RG00000780.html">https://www.osaka-u.ac.jp/kitei/reiki_honbun/u035RG00000780.html</a></p> <p>Female candidates are particularly encouraged to apply. Osaka University is committed to promoting gender equality and provides various support services to female employees <a href="https://www.di.osaka-u.ac.jp/en_lp/">https://www.di.osaka-u.ac.jp/en_lp/</a></p> <p>Osaka University campuses and its related facilities are smoke-free, except in designated areas.</p>
19. Recruiter	National University Corporation Osaka University