

Faculty Position in the Graduate School of Engineering, The University of Osaka

Outline	<p>The Quantum System Engineering Area, Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, The University of Osaka is engaged in research aimed at enhancing the safety and reliability of nuclear energy systems. Current research topics include the evaluation of fundamental thermophysical properties of high-temperature molten materials, such as those generated during severe accidents in nuclear reactors, as well as the elucidation of their behavior and applications to nuclear safety and decommissioning technologies.</p> <p>We are seeking a highly motivated researcher with flexible and innovative thinking who can contribute to the further advancement of this research field. The successful applicant will be responsible for conducting research as well as teaching undergraduate and graduate students.</p>
1. Position	Assistant Professor
2. Number of Positions	1 (One)
3. Affiliation	Graduate School of Engineering (Division of Sustainable Energy and Environmental Engineering, Quantum System Engineering Area)
4. Work Location	Suita Campus (2-1 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	Fundamental thermophysical properties and behavior of high-temperature molten materials, including nuclear materials and related systems
6. Responsibilities	<ul style="list-style-type: none"> · Research in the above specialized field · Teaching and research supervision of undergraduate and graduate students. · Administrative duties in the Graduate School of Engineering and the University
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <ul style="list-style-type: none"> (1) A doctoral degree (2) Research achievements in the above field or related areas (3) Proficiency in Japanese sufficient for performing duties
8. Starting Date	October 1, 2026 or as soon as possible thereafter (Preferably no later than April 1, 2027)
9. Term of Employment	<p>From the starting date to March 31, 2031</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 Type	<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	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
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	<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 (including research achievements, educational achievements, academic and social activities, and record of external research funding) *Research achievements should be categorized into peer-reviewed journal papers, international conference papers (full papers with peer review), review articles, books, patents, and projects. For each item, list all authors, title, journal or publisher, year, and page numbers. Projects should be described in a manner similar to publications, with a clear indication of the applicant’s role. 3. Reprints of up to five major original papers (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. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant 8. Documents demonstrating Japanese language proficiency (required only for non-native speakers of Japanese), such as test scores or relevant experience. <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 (within 15 MB):</p> <p style="text-align: center;">ohishi@see.eng.osaka-u.ac.jp</p> <p>*Subject line: “Application for Assistant Professor (Quantum System Engineering Area)” *Attach the application documents in PDF format (with full security countermeasures). *Applicants will receive an acknowledgment of receipt by e-mail within one week after submission. If you do not receive this notification, please contact the above address.</p> <p>If there is any difficulty in submitting by e-mail, please submit by postal service: Attention: Professor Yuji Ohishi Graduate School of Engineering, The University of Osaka 2-1 Yamadaoka, Suita-city, Osaka 565-0871 JAPAN</p> <p>*Please write “Application for Assistant Professor in Quantum System Engineering Area” 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 Yuji Ohishi Tel: +81-6-6879-7880 E-mail: ohishi@see.eng.osaka-u.ac.jp</p>
16. Application Deadline	Must arrive no later than June 30, 2026 (Japan Standard Time)

17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline.</p> <p>*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.</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. 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”. Rules and Regulations – The University of Osaka</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. http://www.di.osaka-u.ac.jp/en_lp/</p> <p>*The University of Osaka campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	National University Corporation Osaka University