

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

Outline	<p>The Department of Precision Engineering, Division of Precision Engineering and Applied Physics, Graduate School of Engineering, is looking for a faculty member who will promote education and research in the field of computational physics, a core area of manufacturing engineering, by developing and improving first-principles electronic structure calculation methods, and by utilizing these methods to design innovative functional materials and their manufacturing processes. In research and development, we expect to further accelerate the design and development of functional materials by combining them with statistical mechanics and artificial intelligence technologies such as machine learning methods, and we also expect to play a key role in promoting interdisciplinary collaboration and fostering partnerships between academia, industry, and government. In addition to research activities, the successful candidate will be responsible for teaching in general education, undergraduate, and graduate programs, as well as managing the International Priority Graduate Program on Applied and Engineering Physics in the Division of Precision Engineering and Applied Physics. Furthermore, the candidate will also be expected to serve concurrently at the Center for International Affairs of the Graduate School of Engineering and contribute to the internationalization of The University of Osaka.</p>
1. Position	Professor or Associate Professor
2. Number of Positions	1 (One)
3. Affiliation	Graduate School of Engineering (Department of Precision Engineering, Division of Precision Engineering and Applied Physics)
4. Work Location	Suita Campus (2-1 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	Physics, Precision Engineering
6. Responsibilities	<ul style="list-style-type: none"> · Conduct research in the areas described above. · Engage in educational activities for undergraduate and graduate students. · Perform administrative duties within the Graduate School of Engineering and The University of Osaka.
7. Qualifications	<p>[Essential]</p> <p>Applicants must possess:</p> <p>(1) A doctoral degree or equivalent professional expertise and/or achievements in the above field/s.</p> <p>(2) Significant research achievements in the relevant field/s.</p> <p>(3) Proficiency in both Japanese and English at a business level or above.</p>
	<p>[Preferred]</p> <p>Applicants should have experience supervising both undergraduate and graduate students and conducting research outside of Japan.</p>
8. Starting Date	January 1, 2026 (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 The University of Osaka 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 “18. Salary Regulations for National University Corporation The University of Osaka 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 (CV) *Please use the university form for educational/research positions available at the following website. https://www.osaka-u.ac.jp/en/guide/employment/links/ 2. A list of research achievements (including original papers, review papers, books, patents, and presentations at international and domestic conferences) 3. Reprints of major original papers (5 papers) (4 copies; photocopies acceptable in the case of submitting documents by postal service) 4. A list and brief outline of awards and prizes 5. A list of current and past grants 6. An outline of research and education achievements (within two A4 pages) 7. A research plan and educational aspirations (within two A4 pages) 8. The name, affiliation, and contact information of two professional references who are willing to be contacted regarding the applicant 9. Copies of English/Japanese proficiency certificates (e.g., TOEFL, IELTS, TOEIC scores, JLPT N1), or a written description of English(Japanese)-related work experience that can demonstrate your English (Japanese) ability.*Submission of this document is not required for individuals whose first language is English or Japanese. <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 your application by e-mail to:</p> <p style="text-align: center;">arima@prec.eng.osaka-u.ac.jp</p> <p>*Please write “Application for Professor/Associate Professor in Department of Precision Engineering” in the subject line. *Please attach the application documents in PDF format (with full security countermeasures). *If the PDF file is too large to send by email, please use online storage and email the URL. *Applicants will be notified by e-mail within one week after submitting the documents. If you do not receive a confirmation e-mail, please contact the following person.</p> <p>If there is any difficulty in submitting by e-mail, please submit by postal service:</p> <p style="text-align: center;">Attention: Professor Kenta Arima Graduate School of Engineering, The University of Osaka 2-1 Yamadaoka, Suita-city, Osaka 565-0871 JAPAN</p> <p>*Please write “Application for Professor/Associate Professor in Department of Precision Engineering” on the front of the envelope in red ink. *Applications should be sent by registered mail.</p> <p>Contact Person: Professor Kenta Arima Tel: +81-6-6879-7272 E-mail: arima@prec.eng.osaka-u.ac.jp</p>
16. Application Deadline	Applications must arrive no later than August 29, 2025 (Japan Standard Time)

17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants who pass the document screening will be notified within two weeks after the application deadline.</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 “3. Work Regulations for National University Corporation The University of Osaka 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>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>Osaka University Security Export Control Regulations .pdf</p> <p>We also particularly encourage applications from female candidates.</p> <p>The University of Osaka 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>*The University of Osaka campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	National University Corporation The University of Osaka