

**Researcher position for Design Engineering Laboratory,
in the Graduate School of Engineering, Osaka University**

Job Overview	A researcher position is available in the Design Engineering Laboratory (http://syd.mech.eng.osaka-u.ac.jp/index-en.html) in the Department of Mechanical Engineering, Graduate School of Engineering, Osaka University. The Laboratory is seeking a member of the academic staff to collaborate with Dr. Kentaro Yaji. The candidate will join the team for cutting-edge research topics related to design optimization, such as topology optimization and/or data-driven design using deep learning techniques. The successful applicant will be responsible for researching and developing new design methodologies. Inquiries about the research activities and objectives of this position are welcome.
Position	Specially Appointed Researcher (Full-time)
Number of Positions	1 (One)
Affiliation	Graduate School of Engineering
Work Location	Suita Campus (2-1 Yamadaoka, Suita, Osaka, Japan)
Specialized Field	Topology optimization, machine learning, deep generative models, and computational mechanics for fluid, solid, and/or electrochemical reactions. The numerical algorithms are developed using MATLAB, Python, COMSOL, OpenFOAM, etc.
Responsibilities	Research in the field mentioned above and in “Job Overview”
Qualifications	1: An applicant must have a doctoral degree or equivalent in the related fields. 2: An applicant must have excellent research achievements in the related field/s.
Starting Date	June 1, 2023 (or as soon as possible thereafter)
Term of Employment	One year from the starting date *Following completion of the term, the contract may be extended subject to evaluation (with the extension limit, up to March 31, 2026).
Probationary Period	6 months
Employment Form	Based on “38. Regulations Pertaining to Working Hours, Holidays, and Leave for National University Corporation Osaka University Limited Term Staff” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied (working hours: 8 hours a day)
Salary and Benefits	Based on “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Remuneration: 5,125,200 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.

	<p>Commuting allowance</p> <p>*Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.</p>
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>
Application Documents	<p>1: A Curriculum Vitae</p> <p>* Please use the university form for educational/research positions on the following website as needed. https://www.osaka-u.ac.jp/en/news/employ/links</p> <p>2: Reprints or photocopies of major peer-reviewed papers (up to 3)</p> <p>3: An outline of research achievements in A4 format</p> <p>4: Name, affiliation, and contact information of two professional references who are willing to be contacted about the applicant</p>
Application Instructions	<p>Applications must be submitted by e-mail to: yaji@mech.eng.osaka-u.ac.jp</p> <p>*Attach the application documents in PDF format (with full security countermeasures).</p> <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> <p>Contact Person: Dr. Kentaro Yaji Department of Mechanical Engineering, Graduate School of Engineering, Osaka University 2-1 Yamadaoka, Suita, Osaka 565-0871, Japan Tel: +81-6-6879-7325 E-mail: yaji@mech.eng.osaka-u.ac.jp</p>
Application Deadline	<p>Review of applications will begin immediately and will continue until the position is filled.</p>
Selection Process	<p>Document screening will be followed by interviews. Selected applicants may be requested to make a presentation. Travel and accommodation fees necessary for interviews are to be covered by the applicant. Applicants residing overseas may request an online interview.</p> <p>* Please note that unsuccessful applicants at the document screening stage will not be contacted.</p>

Additional Information	<p>For work conditions other than those mentioned above, please refer to “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 that the above-mentioned work conditions are current as of the day this employment offer was posted and are subject to change.</p> <p>*Osaka University campuses and related facilities are smoke-free, in principle.</p>
Recruiter	<p>National University Corporation Osaka University</p>