

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

Outline	Laboratory of Systems Optimization and Decision Making, Division of Mathematical Science for Social Systems, Department of Systems Innovation, Graduate School of Engineering Science, Osaka University is studying Decision Making and Optimization. Especially, in order to make the decision support flexible but robust, we are investigating theories and models treating vague preference and imprecise knowledge as well as decision analysis, optimization techniques, and data analysis with full consideration of flexibility and robustness. The laboratory is now seeking a member of the academic staff, who is making theoretical/methodological studies with a great interest in the practical applications in at least one of the following fields: (a) Operations Research, Systems Optimization, Decision Analysis, and Algorithms, or (b) Data Analysis, Artificial Intelligence, and Soft Computing. Moreover, the person should have the potential to bring great success in the laboratory's research and development with a flexible attitude. The successful applicant will be responsible for not only research but also the education at the undergraduate, and graduate levels. Inquiries concerning the research contents and policies are welcome.
1. Position	Assistant Professor
2. Number of Positions	1 (One)
3. Affiliation	Graduate School of Engineering Science (Division of Mathematical Science for Social Systems, Department of Systems Innovation) (see http://www.sigmath.es.osaka-u.ac.jp/ssm/) School of Engineering Science (Concurrently, Intelligent Systems Science Course, Department of Systems Science) *concurrent position (see http://www.sys.es.osaka-u.ac.jp/sch/jp/)
4. Work Location	Toyonaka Campus (1-3 Machikaneyama, Toyonaka, Osaka, Japan)
5. Specialized Field	Decision Theory, Systems Optimization, Soft Computing, Data Mining
6. Responsibilities	<ul style="list-style-type: none"> Research in the areas described above. Educational activities for undergraduate and graduate school students For education, Student Experiment, Seminar on Intelligent Systems, PBL etc. Administrative jobs in Graduate School of Engineering Science and Osaka University.
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree obtained by October 1, 2024 (2) Excellent research achievements in the related field/s (3) Business level or above Japanese and English language proficiency
	[Preferred] Applicants with experience supervising students on student experiments at the undergraduate level
8. Starting Date	October 1, 2024 (or as soon as possible thereafter)
9. Term of Employment	From the starting date to March 31, 2028 (There will be no contract renewal after the period ends). *The maximum cumulative contract term is based on "Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc."
10. Probationary Period	6 months
11. 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 with the applicant's consent. (deemed working hours: 8 hours a day)

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	Applications must be written in English or Japanese and include the following 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/guide/employment/links 2. A list of research achievements (original papers, review papers, books, patents, presentations in international conferences) 3. A list of education achievements (education experiences in lectures, student experiments, excise) 4. Reprints of major original papers (pdf files of 2-3 papers) 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. (For applicants whose native language is not Japanese) certificates for Japanese language proficiency (photocopies acceptable) or materials related to the ability of teaching mathematics in Japanese. *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. *We may ask to submit additional documents if necessary. *Submitted application documents will not be returned.
15. Sending Address and Contact Information	Send the application documents via the online submission system of JREC-IN Portal https://jrecin.jst.go.jp/seek/SeekTop?ln=1 Combine multiple PDF files into a single ZIP file. Contact Information : Prof. Dr. Masahiro INUIGUCHI Tel: +81-6-6850-6350 E-mail: inuiguti@sys.es.osaka-u.ac.jp
16. Application Deadline	Must arrive no later than July 12, 2024 (Japan Standard Time)
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified within six weeks after the application deadline. *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. * If there are few applicants, the application period may be extended. *Please note that unsuccessful applicants will not be contacted.
18. Additional Information	Concerning work conditions other than the above-mentioned, please refer to “3. Work Regulations for National University Corporation Osaka University Staff” and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change. In principle, there will be no changes to the affiliation, work location, or responsibilities after employment.

	<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>https://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