

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

Outline	<p>At the Division of Mathematical Science for Social Systems, we cultivate students' ability to use advanced mathematical methods developed in system theory, operations research, mathematical and statistical finance, and so on, for investigating and solving problems encountered in systems of the highly networked information society. Moreover, we study mathematical science and engineering techniques for the evolution of the latest theories, innovations of new technologies, the creation of novel applications, and so on.</p> <p>In this open recruitment, we are seeking an academic staff member who has substantial research experience in modeling, analysis, design and control of dynamical systems, multi-agent systems, networked systems, cyber-physical systems, reliable systems and so on, and the capability of theoretical developments and pioneering novel applications in theoretical systems science such as control engineering, system theory, fundamental informatics, and so on. The successful applicant will be responsible for not only conducting research but also teaching liberal arts, and other subjects at the undergraduate and graduate levels.</p>
1. Position	Professor
2. Number of Positions	1 (One)
3. Affiliation	<p>Graduate School of Engineering Science (Area of Theoretical Systems Science, Division of Mathematical Science for Social Systems, Department of Systems Innovation), concurrently serving for School of Engineering Science (Intelligent Systems Science Course, Department of Systems Science)</p> <p>Reference: See the following websites for the details of Division of Mathematical Science for Social Systems and Intelligent Systems Science Course:            Division of Mathematical Science for Social Systems (Japanese)  <a href="http://www.sigmath.es.osaka-u.ac.jp/ssm/">http://www.sigmath.es.osaka-u.ac.jp/ssm/</a>            Intelligent Systems Science Course (Japanese)  <a href="https://www.sys.es.osaka-u.ac.jp/">https://www.sys.es.osaka-u.ac.jp/</a></p>
4. Work Location	Toyonaka Campus (1-3 Machikaneyama, Toyonaka, Osaka, Japan)
5. Specialized Field	Control Engineering, Systems Science, and Fundamental Informatics
6. Responsibilities	<ul style="list-style-type: none"> <li>· Research in the areas described above.</li> <li>· Educational activities for undergraduate and graduate school students</li> <li>· Administrative jobs in Graduate School of Engineering Science and Osaka University.</li> </ul>
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <p>(1) A doctoral degree or equivalent professional expertise and/or achievement in the above field/s</p> <p>(2) Excellent research achievements in the related field/s</p> <p>(3) Business level or above Japanese language proficiency</p> <p>[Preferred]</p> <p>Applicants with capability supervising students at the undergraduate in Intelligent Systems Science Course and at graduate levels in Division of Mathematical Science for Social Systems.</p> <p>Applicants who can teach “Mathematics for Computer Science”, “Intelligent Control”, and others for the undergraduate school are eligible candidates.</p>
8. Starting Date	April 1, 2024 (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	Based on “6. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Staff” <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> *The Discretionary Labor System, Special Work Type will be applied (deemed working hours: 8 hours a day)
12. Salary and Benefits	Based on “18. Salary Regulations for National University Corporation Osaka University Staff Subject to New 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>
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. <a href="https://www.osaka-u.ac.jp/en/news/employ/links">https://www.osaka-u.ac.jp/en/news/employ/links</a> 2. A list of research achievements (original papers, review papers, books, patents, presentations at international conferences, research funds such as scientific research grants (specify whether principal investigator or co-investigator) ) 3. PDF files of five major original papers 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  *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.
15. Sending Address and Contact Information	Please use the "Web Application" function of JREC-IN Portal to submit the specified documents (1-7 shown in “14. Application Documents”) compressed into one file (Applications by postal service will not be accepted).  Contact Information: Professor Masahiro Inuiguchi Department of Systems Innovation Graduate School of Engineering Science Osaka University 1-3 Machikaneyama, Toyonaka City, Osaka 560-8531 E-mail: <a href="mailto:inuiguti@sys.es.osaka-u.ac.jp">inuiguti@sys.es.osaka-u.ac.jp</a>
16. Application Deadline	August 14, 2023 (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. *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. <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> Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.

	<p>We also particularly encourage applications from female candidates. Osaka University is committed to promoting gender equality and providing various supports for female academic staff members. <a href="http://www.di.osaka-u.ac.jp/en_lp/">http://www.di.osaka-u.ac.jp/en_lp/</a></p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	National University Corporation Osaka University