

Faculty Position in the Cybermedia Center, Osaka University

Outline	<p>The Cybermedia Center, Osaka University, is recruiting an academic staff member who is in charge of research and development of " Research and Development of Continuum Computing Platform" under the New Energy and Industrial Technology Development Organization (NEDO)'s "Research and Development Project for Strengthening Post-5G Information and Communication System Infrastructure / Development of Post-5G Information and Communication Systems / Research and Development of Ultra-Distributed Computing Infrastructure".</p> <p>Consignment period: April 1, 2023 to October 19, 2025(with the possibility of extension until March 2028).</p> <p>Cybermedia Center: http://www.cmc.osaka-u.ac.jp/?lang=en NEDO, Research and Development Project for Strengthening Post-5G Information and Communication System Infrastructure: https://www.nedo.go.jp/koubo/IT3_100264.html</p>
1. Position	<p>Specially Appointed Associate Professor (Full-Time) or Specially Appointed Associate Professor (Lecturer) (Full-Time)</p> <p>*The position and the responsibilities assigned to the successful applicant will be decided based on the applicant's qualifications</p>
2. Number of Positions	1
3. Affiliation	Applied Information Systems Research Division, Cybermedia Center, Osaka University
4. Work Location	Suita Campus (5-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan)
5. Specialized Field	Informatics (High performance computing, Information network, Software)
6. Job Description	<p>In the research and development of "Research and Development of Continuum Computing Platform," we will engage in the research and development of technology for managing and controlling computer and network resources that are virtualized at a fine granular level in a wide-area environment.</p> <p>The main work expected for this position is as follows:</p> <ul style="list-style-type: none"> ▪ Research and development related to Cloud computing, IoT, and Container orchestration. ▪ Promotion and utilization of research achievements and products through the collaboration with other universities and research institutions in the world. <p>Also, we expect this faculty position to actively join</p> <ul style="list-style-type: none"> ▪ Education and supervising of undergraduate and graduate students
7. Qualifications	<p>[Essential requirements]</p> <p>Applicants must have:</p> <ul style="list-style-type: none"> ▪ a doctoral degree or equivalent in computer science. ▪ knowledge on computer system and network and in particular, excellent research achievements related to Cloud computing, IoT and Container orchestration. ▪ the ability to work in cooperation with faculty members and researchers of the Cybermedia Center as well as the researchers of other universities, research institutes, and enterprises participating in the Research and Development Project for Strengthening Post-5G Information and Communication System Infrastructure / Development of Post-5G Information and Communication Systems / Research and Development of Ultra-Distributed Computing Infrastructure. ▪ experience in software, application, or system development related to computer or network resource management.

	<ul style="list-style-type: none"> ▪ willingness to perform studies with passion to cultivate and pioneer a new information communication system infrastructure and its component technologies.
	<p>[Preferred]</p> <ul style="list-style-type: none"> ▪ English or Japanese language skills to promote research and development, and also good communication skills in English or Japanese. ▪ to be able to contribute to the advancement of academic research in Japan with passion.
8. Starting Date	October 1, 2023(or as soon as possible thereafter)
9. Term of Employment	From the starting date to March 31, 2024. * After the term, the contract may be extended subject to evaluation. (March 31 2028 is the longest contract term.)
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 (deemed working hours: 8 hours a day)
12. 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: 6,086,400~9,261,200 JPY per annum. (Monthly payments of one-twelfth of annual salary) ● Remuneration is determined according to the works assigned to the successful applicant based on the applicant’s career and other qualifications. Commuting allowance *Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.
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/news/employ/links 2. A list of research achievements (Categorize them into peer-reviewed academic journals, refereed international conference papers, commentary papers, books, and others (patents, awards, etc.). Also include the status of external funding received.) 3. Reprints of major original papers (No more than five papers. An outline of about 250 words for each paper) 4. An outline of your research achievements (within two A4 pages) 5. Experience in software and system development (about one A4 page) 6. The expectation and aspiration to this job (about one A4 pages) 7. Name, affiliation, and contact information of one or two professional referee who is willing to be contacted about the applicant *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.
15. Sending Address and Contact Information	Send the application form using the Web application function from the relevant entry on JREC-IN Portal (D123072184). (Do not send it to the contact address below.) If you do not hear from us within one week after sending the application, please contact us.

	Contact Person: Professor Susumu DATE E-mail: date@cmc.osaka-u.ac.jp Tel: +81-6-6879-8792
16. Application Deadline	Aug. 23, 2023 (Japan Standard Time) or until the position is filled
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified of details about interviews. *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 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 Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change. 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. http://www.di.osaka-u.ac.jp/en_lp/ *Osaka University campuses and related facilities are smoke-free, except for designated areas.
19. Recruiter	National University Corporation Osaka University