

## Faculty Position in the Cybermedia Center, Osaka University

(A change made on 4 February 2022 in red)

Outline	<p>The Cybermedia Center, Osaka University has a responsibility of providing high performance computing environment with researchers and scientists in Japan. For the purpose, we have been studying the information technologies useful for scientists' and researchers' promoting researches using our supercomputing systems. The Joint Research Laboratory for Integrated Infrastructure of High Performance Computing and Data Analysis(*) established in the Cybermedia Center, in particular, focuses on (1) High-performance computing technology and data analysis integrated computing technology that allows us to make maximum use of the hardware performance, (2) High-performance computer system infrastructure technology that can accommodate a wide variety of computing needs , and, (3) Data aggregation and technology management that make high-performance computers easier to use.</p> <p>The Joint Research laboratory is seeking an academic staff member who has a flexible attitude and can contribute to developing and harnessing the strength of the laboratory's research. Inquiries regarding this position are welcome.</p> <p>(*) Joint Research Laboratory for Integrated Infrastructure of High Performance Computing and Data Analysis will be a time-limited organization until April 30, 2024 (with the possibility of maximum extension for up to April 30, 2026).</p>
1. Position	Specially Appointed Assistant Professor (Full-Time)
2. Number of Positions	1
3. Affiliation	Joint Research Laboratory for Integrated Infrastructure of High Performance Computing and Data Analysis, Cybermedia Center, Osaka University
4. Work Location	Suita Campus (5-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan)
5. Specialized Field	Informatics (Computer System and Network, High Performance Computing)
6. Job Description	<p>The main work expected for this position is as follows:</p> <ul style="list-style-type: none"> <li>▪ Research and development related to the above topics (2) described in “Outline”. (For example, compute and network resource management technologies, scheduling algorithm leveraging data analysis techniques, dynamic reconfiguration of High Performance Computing (HPC) and high performance data analysis (HPDA) environment, library and system software for HPC and HPDA, Cloud computing and on-demand use of supercomputing are examples of such topics but not limited.)</li> </ul> <p>Also, we expect this faculty position to actively join</p> <ul style="list-style-type: none"> <li>▪ Education and supervising of undergraduate and graduate students</li> <li>▪ Administration and management of supercomputing systems in the Cybermedia Center and user support.</li> </ul>
7. Qualifications	[Essential requirements]
	<p>Applicants must have:</p> <ul style="list-style-type: none"> <li>▪ a doctoral degree or equivalent.</li> <li>▪ English language skills (e.g. writing technical documents and giving presentations) required to accomplish the works described in “6. Job Description”.</li> <li>▪ the ability to work in cooperation with faculty members and researchers of the Cybermedia Center and to carry out the works described in “6. Job Description” with a strong sense of responsibility.</li> </ul>
	<p>[Preferred]</p> <ul style="list-style-type: none"> <li>▪ to be able to carry out daily conversation in Japanese</li> <li>▪ to be able to operate and manage the supercomputing systems and support users with passion.</li> </ul>
8. Starting Date	April 1, 2022(or as soon as possible thereafter)

9. Term of Employment	From the starting date to March 31, 2023 *After the term, the contract may be extended subject to evaluation within the valid period of this Joint Research Laboratory. (the extension limit is 10 years from the starting date)
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” <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 “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to 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> Remuneration: 4,740,900~6,086,400 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. <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 (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 three papers. An outline of about 500 words for each paper) 4. An outline of your research achievements (within two A4 pages) 5. Aspirations for the research at the Cybermedia Center (about one A4 page) 6. The expectation and aspiration to this job (about two 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 (D122010432). (Do not send it to the contact address.) If you do not hear from us within one week after sending the application, please contact us. Contact Person: Associate Professor Susumu DATE E-mail: <a href="mailto:date@cmc.osaka-u.ac.jp">date@cmc.osaka-u.ac.jp</a> Tel: +81-6-6879-8792
16. Application Deadline	<b>Mar 31, 2022</b> (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.

<p>18. Additional Information</p>	<p>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.  <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> <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.danjo.osaka-u.ac.jp/en_lp/">http://www.danjo.osaka-u.ac.jp/en_lp/</a></p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
<p>19. Recruiter</p>	<p>National University Corporation Osaka University</p>