

### Faculty Position in the D3 Center, Osaka University

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| 1. Position             | Specially-Appointed Associate Professor (Full-Time)  |
| 2. Number of Positions  | 1 (One)  |
| 3. Affiliation          | Advanced High-performance Computing Infrastructure Systems Research Division (New installation planned for October 2024), D3 Center  |
| 4. Work Location        | Suita Campus (5-1 Mihogaoka, Ibaraki, Osaka, Japan)  |
| 5. Specialized Field    | Cloud Computing, High-performance Computing (HPC), Computer system, System Software, Information Network, and related field.   |
| 6. Responsibilities     | <ul style="list-style-type: none"> <li>- Research and Education related to Cloud Computing, High-performance Computing (HPC), Computer system, System Software, Information Network and so on.</li> <li>- Managing and operational responsibilities related to the installation, maintenance, administration, and operation of the mdx II system deployed in the D3 Center at Osaka University.</li> <li>- Operational responsibilities of the mdx project (joint collaboration among 9 universities and two institutions in Japan)</li> </ul>   |
| 7. Qualifications       | <p>[Essential]</p> <p>Applicants must have:</p> <p>(1) A doctoral degree (including those who are expected to obtain by the starting date)</p> <p>(2) Research achievements and results in any research field in described in “5 Specialized Field”.</p> <p>(3) Japanese language skills to complete the works in “6. Responsibilities”.</p> <p>(4) Ability to work in cooperation with faculty members and researchers of the D3 Center and the mdx project, and engineers of vendors which are in charge of the mdx II system administration, and to carry out the works in “6. Responsibilities”.</p> <p>[Preferred]</p> <ul style="list-style-type: none"> <li>* Knowledge of such data science techniques as machine learning and artificial intelligence.</li> <li>* English language skills to complete the works in “6. Responsibilities”.</li> <li>* Knowledge and experience regarding installation, administration, management, user support/research support of high-performance computing systems.</li> <li>* Willingness to contribute to the advancement of academic research in Japan as well as nurturing of young human resources with passion.</li> </ul> |
| 8. Starting Date        | Nov. 1, 2024 (or as soon as possible thereafter)   |
| 9. Term of Employment   | <p>Until October 30, 2029, from the starting date</p> <p>*Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation.</p> <p>*The maximum cumulative contract term is 10 years from the starting date, based on the “Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc.”</p>  |
| 10. Probationary Period | 6 months   |
| 11. Employment Form     | <p>Based on “38. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff”</p> <p><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></p> <p>*The Discretionary Labor System, Special Work Type will be applied with the applicant’s consent. (deemed working hours: 8 hours a day)</p>   |
| 12. Salary and Benefits | <p>Based on “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System”</p> <p><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></p> <p>Remuneration: 7,713,600~9,478,500 JPY per annum. (Monthly payments of one-twelfth of</p>  |

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|   | <p>the annual salary)</p> <ul style="list-style-type: none"> <li>● Remuneration is determined according to the works assigned to the successful applicant based on the applicant's career and other qualifications.</li> <li>● Commuting allowance</li> <li>● Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.</li> </ul>  |
| 13. 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>   |
| 14. Application Documents                   | <p>Application documents must be written in English or Japanese and submitted as PDF files.</p> <ol style="list-style-type: none"> <li>① CV (2 page in principle): Use "Resume for educational/research positions" in the following link.<br/><a href="https://www.osaka-u.ac.jp/en/guide/employment/links">https://www.osaka-u.ac.jp/en/guide/employment/links</a></li> <li>② A list of publications and other activities categorized in Original Papers, Reviews, Books, Conference Proceedings, Awards and Funds. If available, please provide the number for either Researchmap or ORCID.</li> <li>③ Reprints of 3 major original papers (No more than five papers. An outline of about 250 words for each paper.)</li> <li>④ An outline of your research and education until now (No specified format, approximately 3 pages of A4 in total)</li> <li>⑤ Aspiration for responsibilities described in "6. Responsibilities", research and education (No specified format, approximately 5 pages of A4 in total)</li> <li>⑥ Contact information (name, affiliation, and other information) of your two reference persons who can evaluate your work.</li> </ol> <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> |
| 15. Sending Address and Contact Information | <p>All above documents should be submitted through the JREC-IN Portal (D124072534). Please do not send them directly to the contact person.</p> <p>Contact Person: Professor Susumu Date, Cybermedia Center, Osaka University, Japan</p> <p>Tel: +81-6-6879-8792</p> <p>E-mail: <a href="mailto:date@cmc.osaka-u.ac.jp">date@cmc.osaka-u.ac.jp</a></p>  |
| 16. Application Deadline                    | <p>Must arrive no later than 29 August, 2024 (Japan Standard Time)</p>  |
| 17. Selection Process                       | <p>Document screening will be followed by interviews. Selected applicants will be notified.</p> <p>*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.</p> <p>*Please note that unsuccessful applicants will not be contacted.</p>   |
| 18. Others                                  | <p>Concerning work conditions other than the above-mentioned, please refer to "36. Work Regulations for National University Corporation Osaka University Limited Term Staff" and/or related regulations.<br/><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></p> <p>Please note that the above-mentioned work conditions are as of the day this employment offer is posted and are subject to change.</p> <p>In principle, there will be no changes to the affiliation, work location, or responsibilities after employment.</p> <p>After employment, the affiliation, work location, and responsibilities may be subject to change within the limits set by the University.</p> <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>  |

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|               | <p>Osaka University is committed to promoting gender equality and providing various supports for female academic staff members.</p> <p><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   |