

Researcher Position in the Cybermedia Center, Osaka University

Outline	<p>Applications are invited for an appointment as specially-appointed Researcher in the Fujitsu Next Generation Cloud Research Alliance Laboratories (FCRAL), which was established in April 2017 to promote joint research between Osaka University, Fujitsu Ltd., and Fujitsu Laboratories Ltd. in the field of next-generation cloud technology. Successful applicant is required to be able to optimize various parameters from the perspective of machine learning.</p> <p>* FCRAL is a limited-time lab scheduled to be closed on March 31, 2020. (Three years' extension may be approved if excellent research accomplishments are acknowledged.)</p>
1. Position	Specially Appointed Researcher (full time)
2. Number of Positions	One
3. Affiliation	Fujitsu Next Generation Cloud Research Alliance Laboratories, Cybermedia Center, Osaka University
4. Work Location	Toyonaka Campus (1-32, Machikaneyama-cho, Toyonaka, Osaka, Japan)
5. Specialized Field	Machine learning, data science, cloud
6. Duties	<p>The successful applicant will need to use various machine learning techniques (e.g., deep learning) to do research in the following themes (1 to 6 below):</p> <ol style="list-style-type: none"> 1. Research in "Cold Storage Geo Replication" to store IoT data with area distribution 2. Research in energy-saving cloud (AI cloud) from the perspective of machine learning 3. Research in cloud configuration technology to realize innovative energy saving 4. Research in data center security 5. Research in AI processing infrastructure using DLU (Deep Learning Unit) 6. POC(Proof of Concept) using test bed configured using the research results
7. Qualifications	<p>[Essential]</p> <ol style="list-style-type: none"> (1) A doctorate, or equivalent abilities and achievements (2) The ability of fulfilling duties in English when necessary (technical documentation, presentation, etc.) (3) Cooperative and responsible in fulfilling work duties and in working together with other researchers at Cybermedia Center <p>[Desirable]</p> <ol style="list-style-type: none"> (1) Everyday conversation level Japanese ability
8. Date of commencement	On July 1, 2018 or as soon as possible thereafter
9. Length of appointment	<p>From the date of commencement to March 31, 2020</p> <p>* Contract may be renewed by mutual agreement after the appointment ends if FCRAL is prolonged.</p>
10. Probation Period	Six months

11. Contract type	<p>Based on the "Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff": http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0037e.pdf *Discretionary Labor System, Special Work Type (deemed working hours: 8 hours per day)</p>
12. Salary and Benefits	<p>Based on the "Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially appointed Staff, etc.) Subject to Annual Salary System": http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0046e.pdf</p> <p>Commuting allowance, housing allowance, dependency allowance, retirement allowance, and bonus are included in the above-mentioned annual salary and will not be paid separately.</p>
13. Insurance	<p>National Public Service Personnel Mutual Aid Associations, Employment Insurance, and Industrial Accident Compensation Insurance</p>
14. Application Documents	<p>(1) A resume (a photograph of the applicant must be attached) Please download and use the resume format from: http://www.osaka-u.ac.jp/en/news/employ/academic_staff/index.html (2) A list of research achievements (classified into book publications, peer-reviewed journal papers, peer-reviewed proceedings of international conferences, review articles, others like patents or awards; please also include competitive grants) (3) Offprints or copies of no more than 3 major published papers, each with an abstract of no more than 500 words in English or 500 characters in Japanese. (4) An overview of the applicant's past research (A4 2 pages) (5) A statement of the applicant's aspiration for future research and teaching at Cybermedia Center (A4 1 page) (6) A future research plan (A4 1 page) (7) Names, job titles, and contact information of 2 references to whom we may direct our inquiries</p>
15. Sending Address and Contact information	<p>Mailing address: Professor Morito Matsuoka Advanced Network Environment Research Division, Cybermedia Center, Osaka University 1-32, Machikaneyama-cho, Toyonaka, Osaka 560-0043, Japan *Write "Application for appointment in FCRAL, Cybermedia Center" on the envelope in red ink. *Send application documents via registered mail if possible. If difficult, you can also send the documents via e-mail at your own risk. *Application documents will not be returned.*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> <p>E-mail address: matsuoka@cmc.osaka-u.ac.jp * Subject line: Application for appointment in FCRAL, Cybermedia Center</p> <p>Contact person: Professor Morito Matsuoka E-mail: matsuoka@cmc.osaka-u.ac.jp TEL: +81 6-6850-6860</p>

16. Closing date	<p>May 31, 2018 (Japan Standard Time)</p> <p>However, we encourage you to apply early since the vacancy may close before this date if a successful candidate has been decided.</p>
17. Selection Process	<p>1) Document screening and 2) interview (candidates who pass the screening)</p> <p>Only shortlisted candidates will be notified. Please note that travel and accommodation fees necessary for the interview are to be covered by the candidate. Candidates from overseas can require a telephone or online interview.</p>
18. Additional Information	<p>Concerning other working conditions, please refer to the "Work Regulations for National University Corporation Osaka University Limited Term Staff " and other related regulations:</p> <p>http://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html (English)</p>
19. Organization	National University Corporation Osaka University