

Faculty/Researcher Position in the Graduate School of Information Science and Technology, Osaka University

Outline	We invite applications for Specially Appointed Faculty/Researcher positions (Full-time) for our CREST project "Computing Technology Based on Spatiotemporal Dynamics of Photonic Neural Networks" (Research Director: Prof. Hideyuki Suzuki) in JST CREST Research Area "Technology for Computing Revolution for Society 5.0". We expect applications from researchers who can work with innovative ideas towards a new computing paradigm.
1. Position	(i) Specially Appointed Associate Professor (Full-time) or, (ii) Specially Appointed Assistant Professor (Full-time) or, (iii) Specially Appointed Researcher (Full-time) *Positions will be finalized depending on contents of duties which to be determined based on a candidate's career and area of expertise etc. *Please refer to "6. Responsibilities" and "12. Salary and Benefits" etc. to decide the position you will apply, and indicate a name of the position in your application document.
2. Number of Positions	1 (One)
3. Affiliation	Graduate School of Information Science and Technology (Division of Nonlinear Mathematical Science (Suzuki Laboratory), Department of Information and Physical Sciences)
4. Work Location	Suita Campus (1-5 Yamadaoka, SuitaCity, Osaka, Japan)
5. Specialized Field	Nonlinear science, Neural networks, Machine learning, etc.
6. Responsibilities	Research activities on mathematical models of photonic neural networks. More specifically, research approaches as exemplified below, but not limited to. We expect successful candidates to take research approaches based on their own expertise. (1) Development, improvement, and analysis of novel neural network models dedicated to photonic implementation (2) New information processing and computing paradigm based on nonlinear dynamics Please note that applicants are not required to have a knowledge of photonics.
7. Qualifications	[Essential] Applicants must have: (1) Ph.D. or equivalent by the date of employment. (2) Specialized knowledge in one of the abovementioned specialized fields. (3) English language ability sufficient to fulfill one's work duties. [Preferred] Capable of communicating in Japanese on a daily basis.
8. Starting Date	April 1, 2021 (negotiable)
9. Term of Employment	From the starting date to March 31st, 2022 *Following completion of the term, the contract may be extended subject to evaluation (the extension limit is March 31st, 2024).
10. Probationary Period	6 months
11. Employment Form	Based on "37. 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	<p>Based on “46. 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: (i) 7,537,200 JPY, (ii) 5,605,800-6,086,400 JPY, (iii) 5,125,200-5,605,800 JPY per annum. (Monthly payments of one-twelfth of annual salary) *The Remuneration will be determined according to the scope and contents of duties the candidate to be engaged in taking his/her qualifications and experience into consideration. Commuting allowance *Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.</p>
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>Applications must be written in English or Japanese and include the following</p> <ol style="list-style-type: none"> 1. A Curriculum Vitae (photo attached) *You may use the university form available at the following website. https://www.osaka-u.ac.jp/en/news/employ 2. A publication list 3. Major original papers (up to three) 4. An outline of research experiences and research plans (up to two A4-size pages) *Indicate a name of the position you are applying for. 5. A name and contact information of a reference person <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>The application documents should be submitted online via the JREC-IN Portal (No. D120100682)</p> <p>Contact Person: Professor Hideyuki Suzuki Department of Information and Physical Sciences, Graduate School of Information Science and Technology, Osaka University E-mail: hideyuki@ist.osaka-u.ac.jp</p>
16. Application Deadline	<p>November 30, 2020 (Japan Standard Time)</p>
17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline. *Travel and accommodation fees necessary for interviews are to be covered by the applicant. The interviews may be conducted online. *Please note that unsuccessful applicants will not be contacted. *When we cannot find an appropriate candidate, we will not select the final candidate.</p>
18. Additional Information	<p>Concerning work conditions other than above-mentioned, please refer to “35.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.</p> <p>We welcome applications from highly motivated female candidates. Osaka University is committed to promoting gender equality and providing various supports for female academic staff members. http://www.danjo.osaka-u.ac.jp/en_lp/ Graduate School of Information Science and Technology enforces independent support.</p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
19. Recruiter	<p>National University Corporation Osaka University</p>