

■ Job Information

Subject No.	2020R-27
Job Title	Fixed Term Researcher
Department	Center for Information and Neural Networks / Brain Networks and Communication Laboratory
Work Contents (Research theme)	Decoding and feedback of neuronal activity by deep neural networks
Detail of Work Contents	<p>We will develop an analysis method of temporal patterns of neuronal activity with deep neural networks (DNNs), and utilize the method for electrophysiological feedback to a brain.</p> <p>The Article 15(2) of the Act on the activation of Science and Technology and Innovation will be applied to this work content.</p>
Application requirement	Applicants should have Ph.D. in engineering, physiology, neuroscience or related majors, and have basic knowledge about deep learning and signal processing. Demonstrable programming skills in NumPy or MATLAB is preferable.
Recruiting (Number of people)	1
Period of Employment	hiring date ~ March 31,2021 N.B. Contract will not be renewed..
Salary (basic salary)	<p>¥467,000 ~ ¥510,000/month</p> <p>Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.</p>
Work Place	Center for Information and Neural Networks (Suita-shi,Osaka)
Working frequency	5days/week (7.5hours/day)

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.