■ Job Information

Subject No.	2027R-71
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Center for Information and Neural Networks, Neural Information Engineering Laboratory
Work Contents （Research theme）	The Neural Basis of Human Creativity, Emergence, and Higher Brain Functions, and Their Applications to ICT
Detail of Work Contents	The human brain possesses creativity and emergent properties, which are among its higher brain functions, and these have enabled the development of human culture and civilization. However, there is little understanding of when and how creativity and emergence arise. This research aims to develop objective experimental tasks related to creativity and emergent properties as higher brain functions in the human brain. Through non-invasive brain activity measurements during task performance, we seek to elucidate the neural basis of creativity and emergence as higher brain functions. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
	Employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT’s internal research fundings.
Application requirement	Holding a PhD in fields such as Information Engineering, Linguistics, Neuroscience, etc. It is desirable to have research experience in natural language processing and human higher-order brain functions. Possessing outstanding achievements in international conferences and journals related to these fields, and capable of performing tasks individually and as a team, with excellent abilities in communication and presentation. Able to communicate smoothly in English.
Recruiting (Number of people)	1
Contract period	hiring date ～ March 31,2028 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 3years if certain conditions are fulfilled
Salary (basic salary)	¥485,000 ～ ¥541,000/month 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.
Work Place	Center for Information and Neural Networks (Suita-shi,Osaka)
Working frequency	5days/week（7.5hours/day）

* Scope of change in work and workplace : No changes are expected in general
* The expressions used in "Work Contents (Research theme)" and "Detail of Work Contents" and the names of "Department" and "Work Place" may be subject to change due to organizational restructuring or other reasons.

NICT Fixed Term Positions Job Announcement: https://www.nict.go.jp/en/employment/index-e-top.koubo.html