■ Job Information

Subject No.	2027R-26
Job Title	Fixed Term Researcher
Department	Radio Research Institute / Electromagnetic Advanced and Infrastructure Research Center, Electromagnetic Compatibility Laboratory
Work Contents （Research theme）	Modeling, Quantification, and Analysis Techniques for Assessing Human Exposure to Radiofrequency Electromagnetic Fields
Detail of Work Contents	As part of research on risk management of human exposure to radiofrequency electromagnetic fields (10 kHz-300 GHz), this project aims to systematically characterize human exposure phenomena. The successful candidate will conduct research and development on modeling technologies for cyber and physical spaces, quantitative assessment techniques for internal dosimetric quantities induced by radiofrequency exposure based on such models, and analytical methods for processing and interpreting the resulting data. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
	In accordance with the policy of the Japanese government decided on February 12, 2020 (https://www8.cao.go.jp/cstp/compefund/jisshishishin.pdf), 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 if conditions of employees meet the requirements of the policy.
Application requirement	・Strong interest in research and related activities concerning protection against human exposure to radiofrequency electromagnetic fields, with expertise and research or professional experience in electromagnetics and/or radio-wave measurements. ・A doctoral degree (Ph.D.) or equivalent research capability. ・Ability to communicate and present research effectively in English, including discussions with overseas research institutions and organizations. ・Experience in research or professional activities related to modeling of antennas and other radiofrequency systems, and/or assessment of internal dosimetric quantities induced by radiofrequency exposure is desirable.
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 March 31,2031 if certain conditions are fulfilled
Salary (basic salary)	¥541,000 ～ ¥558,000/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	Headquarters (Koganei-shi, Tokyo)
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