■ Job Information

Subject No.	2027R-2
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Koganei Frontier Research Center, Terahertz ICT Device Laboratory
Work Contents （Research theme)	R&D of performance test technologies for millimeter- and terahertz-wave devices and modules
Detail of Work Contents	The research and development of the performance test technologies for millimeter- and terahertz-wave devices and modules is carried out. Specific research themes and topics will be determined on the adopter's expertise and experience: examples include the following: 1) Development of performance test technologies for active and passive components (such as compound semiconductor electron devices, Si-CMOS, and MMICs, 2) Development of technologies for wireless transmission experiments using transceiver modules, 3) Development of performance test technologies for high-frequency circuits, waveguide components, antennas modules, and constituent materials in thse bands, 4) Development of design and fabrication technologies for active and passive components (such as compound semiconductor electron devices, Si-CMOS, and MMICs), transceiver modules, waveguide components, and antenna modules. 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	Ph.D degree in science and/or engineering (candidates who are about to earn their degree are welcome to apply). Expertise and experience in performance test of devices (such as compound semiconductor electron devices, Si-CMOIS, and MMICs) and wireless transmission experiments using transmitter/receiver modules, utilizing millimeter- and terahertz-wave equipment (e.g. vector network analyzer, spectrum analyzer, real-time osciloscope). High motivation and dedication for scientific work. Ability to work creatively in a multidisciplinary team.
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 5years 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