

■ Job Information

Subject No.	2025R-22
Job Title	Fixed Term Researcher
Department	Beyond 5G Research and Development Promotion Unit / Terahertz Technology Research Center, Terahertz Laboratory
Work Contents (Research theme)	Development of a radiative transfer model for Terahertz surface roughness effects
Detail of Work Contents	<p>This position is expected to lead and develop a radiative transfer model in the terahertz wave band. In particular, it is needed to conduct quantitative investigations of the effects of surface undulations, grain size distribution, etc. on the radiation intensity and polarisation characteristics. Based on previous observations and experimental findings, a theoretical model should be constructed and validated. In addition, it is needed to conduct the quantitative analysis of physical quantities by collecting new observations and other data.</p> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
	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	Experience in the research of surface roughness effects on solid surfaces of electromagnetic wave observation data is desirable; mathematical computing skills in Python or other programming languages, with research skills conducive to contributions to scientific papers, etc.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2026 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to March 31, 2029 if certain conditions are fulfilled
Salary (basic salary)	¥419,000/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)

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

*Scope of change in work and workplace : No changes are expected in general.