■ Job Information

Subject No.	2027R-18
Job Title	Fixed Term Researcher
Department	Beyond Connectivity Research and Development Promotion Unit / Terahertz Technology Research Center, Terahertz Remote Sensing Laboratory
Work Contents （Research theme)	Development of Research Infrastructure for Terahertz Remote Sensing from Space
Detail of Work Contents	The Terahertz Remote Sensing Laboratory in the Terahertz Technology Research Center is advancing the development of novel research infrastructure that complements high-frequency remote sensing observations from space. Current activities include the development of planetary atmosphere and surface models and the application of deep learning techniques to planetary weather forecasting. The successful candidate will work proactively and independently, in close collaboration with Director Takeshi Kuroda, to establish these research capabilities and contribute to the laboratory's flagship projects in the exploration of planets and their moons. 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	The successful candidate should possess the following qualifications: - Ph.D. in science or engineering, or be expected to obtain the degree by the end of March 2027. - Fundamental knowledge of atmospheric physics. - Experience in numerical simulations and/or data analysis using programming languages such as Python and Fortran. The following qualifications are desirable: - Experience in research and development in a Linux environment. - Experience with large-scale parallel numerical computations. - Experience in research utilizing machine learning and/or deep learning.
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