

■ Job Information

Subject No.	2026R-144
Job Title	Fixed Term Researcher
Department	Network Research Institute / Wireless Networks Research Center, Space Communication Systems Laboratory
Work Contents (Research theme)	Research and Development of Non-Terrestrial Networks (NTN) Using Optical Communication Technologies
Detail of Work Contents	<p>Research and development is conducted at the Kashima Space Technology Center to advance three-dimensional network system technologies for Non-Terrestrial Networks (NTN), including satellites and High-Altitude Platform Station (HAPS), in their connections with optical ground stations. To ensure smooth progress of this research, activities include the study of optical instruments and devices based on free-space optical communication methods, experimental operations and data analysis using actual satellites such as the Engineering Test Satellite 9, dissemination of research results, and coordination with external organizations.</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>
	<p>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.</p>
Application requirement	<p>Fundamental knowledge regarding the propagation of electromagnetic waves in space is required. Research experience using optical telescopes and optical instruments required for free-space optical communications. A doctoral degree, or expected completion of a doctoral degree. Japanese communication skills sufficient to facilitate smooth coordination with domestic companies and relevant government agencies. English proficiency is required, as communication with overseas partners and operation of equipment using English-language manuals will be necessary. A TOEIC score of 600 or higher, or equivalent English ability, is desirable. Experience in managing or promoting research and development projects will be evaluated. Possession of a radio operator qualification (Second-Class Technical Radio Operator for On-The-Ground Services or higher license) is desirable.</p>
Recruiting (Number of people)	1
Contract period	<p>hiring date ~ March 31,2027 N.B. Contract could be renewed.</p>
The employment period in case of fully renewing	Up to 5years if certain conditions are fulfilled
Salary (basic salary)	<p>¥515,000 ~ ¥534,000/month</p> <p>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.</p>
Work Place	Kashima Space Technology Center (Kashima-shi, Ibaraki)
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.