

■ Job Information

Subject No.	2023T-110
Job Title	Fixed Term Research Engineer
Department	Network Research Institute / Wireless Networks Research Center, Space Communication Systems Laboratory
Work Contents (Research theme)	Research support for optical communication research on optical satellites and unmanned vehicles
Detail of Work Contents	<p>Research support for optical communication research on optical satellites and unmanned vehicles of on-board equipment and optical ground station technologies for ultra-high-speed optical satellite communication missions. In addition, we will conduct research on optical communication technologies installed in unmanned aerial vehicles and microsatellites, etc., and promote research and development on the applicability of free-space optical communication technologies for the terrestrial 5G/B5G. Communication experiments with small satellites in Japan and overseas will be conducted using earth stations, etc., and the propagation characteristics of radio waves and light will be measured, and the site diversity technology will be verified using multiple earth stations.</p> <p>The Article 15(2) of the Act on the activation of Science and Technology and Innovation will be applied to this work content.</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.
Application requirement	More than 3 years of experience in fields related to electronic or optics engineering, with knowledge of the technologies related to free-space optical communications systems, and proven experience in research activities.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2024 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to a total term of 5 years from the date of hiring if certain conditions are fulfilled
Salary (basic salary)	<p>¥402,000 ~ ¥438,000/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	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.