

■ Job Information

Subject No.	2024R-4
Job Title	Fixed Term Researcher
Department	Beyond 5G Research and Development Promotion Unit / Terahertz Technology Research Center, Terahertz Laboratory
Work Contents (Research theme)	Integrated terahertz devices
Detail of Work Contents	<p>This project aims at implementing low-energy-consumption signal processing devices that link between optical and terahertz frequencies using co-integration between semiconductor and photonic integrated circuits. The applicant will be engaged in system designs, device fabrication and experimental characterization.</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>An applicant must hold his/her Ph.D in science or engineering field by the time of employment and be able to work in a multidisciplinary team, where design , fabrication and system engineers are mutually interacting. Any experiences either in semiconductor heterostructure devices, optical modulators, photonic integrated circuits, or optical fiber systems are regarded as advantages.</p>
Recruiting (Number of people)	1
Contract period	<p>hiring date ~ March 31,2025 N.B. Contract could be renewed.</p>
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	<p>¥484,000 ~ ¥516,000/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	<p>Headquarters (Koganei-shi, Tokyo)</p>
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.