

■ Job Information

Subject No.	2024R-34
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Koganei Frontier Research Center, Quantum ICT Laboratory
Work Contents (Research theme)	Research on quantum cryptography and quantum communication technologies
Detail of Work Contents	The goal of the project is to develop novel quantum cryptography and quantum communication protocols by using the latest quantum optics and conventional optical communication technologies. 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	Requirements: - Doctoral degree. - Research experience on quantum optics, quantum communication, or optical communication (for the last one, a strong motivation to study the area of quantum information thecnologies is required). Specirifally, some of the following topics (the more the better): i) Quantum cryptography. ii) Experimental quantum optics. iii) Quantum informaiton technology with optics. iv) Coherent optical communication technologies.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to March 31,2026 if certain conditions are fulfilled
Salary (basic salary)	¥484, 000 ~ ¥516, 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.