■ Job Information

Subject No.	2027R-24
Job Title	Fixed Term Researcher
Department	Quantum ICT Collaboration Center
Work Contents （Research theme）	Research on next generation quantum key distribution, quantum key distribution network, and their applications
Detail of Work Contents	Research and development related to next-generation quantum key distribution, quantum key distribution networks, and their applications. In particular, while utilizing the Tokyo QKD network and quantum/classical hybrid information processing infrastructure owned by the National Institute of Information and Communications Technology, develop a quantum security base operated by NICT regarding next-generation quantum key distribution and quantum key distribution networks and their applications. And promote research and development in collaboration with participants. 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	1. Ph.D holders or the equivalents (soon-to-be doctors can also apply) 2. The positions require basic knowledge of quantum communicaton, quantum computation, quantum sensing, R&D experiences of quantum communication (not mandatory but a strong motivation is required for research on novel computing and network technologies based on quantum technologies). 3. Some of the following R&D backgrounds are desired (the more the better): (1) Experiences of theoretical or experimental research on quantum computer. (2) Experiences of dynamics and noise control technology of quantum system. (3) Programming including Python.
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