■ Job Information

Subject No.	2024R-23
Job Title	Fixed Term Researcher
Department	Quantum ICT Collaboration Center
Work Contents (Research theme)	Research on network coding and physical layer security
Detail of Work Contents	Research on basic theory and program implementation on network coding to realize efficient coomunications over a multiple node network, and on physical layer security to realize information theoretically secure commnications on a wiretap network. 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 holder or the equivalent (soon-to-be a doctor can also apply) 2. The position requires basic knowledge on network coding or physical layer security. 3. Some of the following R&D backgrounds are desired (the more the better): (1) Mathematical skill to prove theories on network coding. (2) Research experiences of programming, numerical simulation, and/or experiment on network coding. (3) Mathematical skill to prove theories on physical layer security in wiretap channels or wiretap networks. (4) Research experiences of programming, numerical simulation, and/or experiment on wiretap channel coding. (5) Research experiences of secure network coding.
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 5 years 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.