■ Job Information

Subject No.	2023R-38
Job Title	Fixed Term Researcher
Department	Network Research Institute / Resilient ICT Research Center, Sustainable ICT Systems Laboratory
Work Contents (Research theme)	Research and development on communication protocols adapt to the disruptive changes of deployed networks due to a disaster or serious communication failures
Detail of Work Contents	Research and development on resilient networks for early detection of natural hazrad or networks adapts disruptive link failure is carried out. Also, IoT system technologies that enables resilient monitoring and early detection of natural hazard, for measurement, analysis, and information presentation is carried out. More specifically, this research mainly develops communication protocol for low-power consumption or disruptive link failure, data (including image) communication system, data processing system, big data display/presentation system, and network and wireless access technologies which is the base of these systems. In addition, the applicant plans, coordinates, implements, and manages matters related to this project. 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. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
Application requirement	Those who have correct uderstanding of communication protocol (MAC layer, IP layer, and so on) and a research record (peer-review journals) in the field of communication protocol. Since the subjects are cross-disciplinary research and development with a view to practical application, it is required to have an interest on wide range of digital data processing technologies such as data transmission, processing, communication, analysis, storage, expression, and presentation. It is also required to have at least one expertise in the wide range of digital data processing technologies. It is desirable to have experience of demonstration experiment with required equipment on his/her own or its technique and skill. It is required to have an ability to support project operation for carrying out this research and development.
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 5years if certain conditions are fulfilled
Salary (basic salary)	¥471,000 ～ ¥509,000／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	Resilient ICT Research Center
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.