

■ Job Information

Subject No.	2024R-124
Job Title	Fixed Term Researcher
Department	Cybersecurity Research Institute / Security Fundamentals Laboratory
Work Contents (Research theme)	Research and Development on Security Analysis and Implementation for Cryptography and Privacy-preserving Technologies
Detail of Work Contents	<p>The research theme includes the following topics:</p> <ol style="list-style-type: none"> <li>1. Research and development on the field of cryptography, information security, or privacy-preserving technologies, especially on the field of symmetric-key cryptography;</li> <li>2. Research and development on the security analysis of cryptography (especially on symmetric-key cryptography) widely used around the world or expected to be used in the future; and</li> <li>3. Research and development on the implementation for cryptography (especially on symmetric-key cryptography) required to be used around the world.</li> </ol> <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>The following three conditions must be satisfied.</p> <ul style="list-style-type: none"> <li>- The first condition is to have completed a master's course or have its equivalent level in the relevant field.</li> <li>- The second condition is to have a high level of knowledge and experiences in the field of cryptography, especially of symmetric-key cryptography.</li> <li>- The third condition is to have a high level of programming skills for automatic tools (e.g., MILP, SAT/SMT, CP, etc) or deep learning.</li> </ul>
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.