■ Job Information

Subject No.	2027R-35
Job Title	Fixed Term Researcher
Department	Cybersecurity Research Institute / Cybersecurity Laboratory
Work Contents （Research theme）	Research on Cyber Threat Intelligence
Detail of Work Contents	We conduct research and development on technologies for the large-scale and continuous collection and analysis of diverse information on cyber threats, as well as technologies for integrating and correlating such information across multiple sources to generate actionable cyber threat intelligence. The goal is to continuously understand the evolving landscape and trends of increasingly sophisticated and diverse cyber threats and contribute to effective cybersecurity measures. Examples of research topics include: ・Large-scale observation and analysis of cyberattacks using darknets, honeypots, and other measurement infrastructures ・Collection and analysis of malware and other malicious programs, and analysis of associated attack activities ・Observation, collection, and analysis of Web-based attacks, malicious websites, and related threats ・Collection and analysis of cyber threat information from diverse sources, including open-source intelligence (OSINT) ・Integrated analysis and correlation of heterogeneous data, including cyberattack observation data, malware analysis results, and threat information ・Technologies for identifying and analyzing characteristics and trends related to threat actors, attack techniques, targets, and other cyber threat activities ・Analysis of cyber threat information and generation of cyber threat intelligence using large language models (LLMs), machine learning, and related technologies ・Technologies for effectively sharing and utilizing generated cyber threat intelligence The above topics are provided as examples and are not intended to limit the scope of research. We welcome a broad range of research related to the observation, collection, analysis, and integration of cyber threat information, as well as the generation and utilization of cyber threat intelligence. Applicants are encouraged to review the research activities of the Cybersecurity Laboratory through our website and relevant publications when preparing their research proposals. Website: https://csl.nict.go.jp/ 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	[Required Experience and Skills] ・Ph.D. or Master's degree (including those expected to obtain one) ・Research experience and achievements in cybersecurity or a related field ・English proficiency sufficient to conduct technical and academic literature reviews and write research papers in English ・Ability to communicate effectively and work collaboratively with researchers, engineers, and other colleagues within and outside the research group [Preferred Experience and Skills] ・A record of research publications or presentations at international conferences, in academic journals, or other relevant venues in cybersecurity or related fields ・Specialized knowledge or hands-on experience in areas such as cyberattack observation and analysis, cyber threat information collection and analysis, malware analysis, or Web security ・Knowledge of or hands-on experience in collecting and analyzing information from diverse sources, including open-source intelligence (OSINT) ・Experience applying large-scale data processing and analysis, machine learning, large language models (LLMs), or related technologies to cybersecurity ・Knowledge of or experience with technologies for correlating and integrating heterogeneous data from multiple information sources ・Experience designing or developing software, analysis tools, or other systems for research and development ・Ability to read and write documents and communicate at a basic level in Japanese [Desired Candidate Profile] ・A person who is motivated to identify research challenges, formulate research topics, and conduct research and development proactively and independently ・A person who can work persistently toward ambitious research goals and tackle challenging research problems ・A person who is curious about unexplored areas and emerging technologies and is eager to acquire new knowledge and skills ・A person who embraces the spirit of "Sharing is Caring," is willing to share knowledge and research outcomes, values teamwork, and collaborates effectively with others
Recruiting (Number of people)	5
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), or Cybersecurity Recurrent Evolution Center(Musashino-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