

■ 公募情報

Subject No.	2024R-15
Job Title	Research Assistant
Department	Network Research Institute Resilient ICT Research Center, Sustainable ICT Systems Laboratory
Work Contents (Research theme)	Research and development on AI/ML-based radio access technologies applicable into severe radio propagation environment
Detail of Work Contents	The research theme is related to radio communications that provides hyper low-latency and ultra-reliability even in severe radio propagation environment towards realizing collaborative robots. Specifically, (1) AI/ML-based visualization of radio propagation characteristics and system performance, (2) Optimization (including the use of a quantum annealer) on agent or radio resource allocation.
	The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
Application requirement	Students who have a duty to devote themselves, such as a Research Fellowship for Young Scientist of the Japan Society for the Promotion, cannot apply. Those who have a research record (a peer-review journal or proceeding of interenational conference in any research field). Those who have unique ideas about resilliency in radio communications or wireless networks.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 N.B. Contract will not be renewed.
Salary (basic salary)	10,530JPY ~ 15,090/day The daily wage for undergraduate students is 10,530 yen, the daily wage for first semester doctoral students is 12,900 yen, and the daily wage for second semester doctoral students is 15,090 yen. 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 (Aoba-ku, Sendai-shi, Miyagi)
Working frequency	2days/week, 7.5 hours/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.