

■ Job Information

Subject No.	2026R-125
Job Title	Fixed Term Researcher
Department	Open Innovation Promotion Headquarters, Social Innovation Unit / ICT Testbed Research and Development Promotion Center, ICT Testbed Research, Development and Operations Laboratory
Work Contents (Research theme)	Research and development for building CPS and Digital Twin
Detail of Work Contents	NICT has a mission to develop an experimental testbed that enables diverse entities to conduct research and allows many users to verify development outcomes, thereby advancing new technologies for the Beyond 5G/6G era. This research will conduct R&D of technologies for building environments to operate CPS applications and digital twins. We will conduct research and development to enable provision as testbed functions of: technologies for building development environments that enable efficient development of CPS applications utilizing AI and services of NICT; technologies for providing digital twins as testbeds that reproduce real-world situations in cyberspace and enable simulations and predictions; environments where data generation simulators and virtual sensors developed by users can be utilized on the testbed; and methods for realizing reproducible verification environments using simulations such as human behavior during disasters. 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	• Doctorate degree holder (including those expected to obtain) or equivalent qualifications • Skills and experience in building service execution environments using actual networks • Interest in CPS (Cyber-Physical Systems), digital twin, and sensor data utilization technologies, with a track record of writing and presenting academic papers in information and communication science, informatics, or related fields. Particularly desirable are candidates with experience in building applications that utilize sensors and enthusiasm for utilizing AI and other technologies.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2027 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)	¥585, 000 ~ ¥622, 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)

* 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.