■ Job Information

Subject No.	2027R-65
Job Title	Fixed Term Researcher
Department	Network Research Institute / Network Architecture Laboratory
Work Contents （Research theme）	Research and Development on Advanced Network Technologies Integrating AI and Computing
Detail of Work Contents	In today's society, where vast amounts of data are generated, exchanged, and processed in real time by AI and other technologies, a highly reliable, flexible, and intelligent network infrastructure is essential to sustainably support an "AI/data-driven society" in which data can be used safely and with trust. Looking ahead to Beyond 5G era, this research presents a future network architecture that tightly integrates communications and AI, and conducts research and development on technologies that enable automated control (orchestration) of networks in heterogeneous environments where all-optical networks, mobile networks, and satellite communication networks coexist, as well as technologies necessary for ensuring high network reliability. This includes developing simulators/emulators and prototype implementations, and conducting demonstrations on testbeds, to present and evaluate concrete network services. 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	Applicants must hold a Ph.D. in a relevant field or possess an equivalent level of expertise. Applicants must have a track record of at least three first-authored papers published in journals, peer-reviewed international conferences, international workshops, or similar venues in a relevant field. Applicants must have broad knowledge of and interest in networking as a whole, not just their own area of specialization, and must be able to think freely and independently, unconstrained by existing technologies. Applicants must be able to read, write, and communicate in Japanese at a native-equivalent level. Experience publishing papers on AI/ML, edge computing, information-centric networking, blockchain networks, or semantic communication is desirable. Experience in launching and leading research projects, as well as experience securing competitive research funding, will be considered favorably. Experience in international standardization activities and international collaborative research will be considered favorably. System development ability, ability to develop simulation systems, AI coding, and experience in open-source development will be considered favorably.
Recruiting (Number of people)	1
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)
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