■ Job Information

Subject No.	2027R-38
Job Title	Fixed Term Researcher
Department	Network Research Institute / Photonic ICT Research Center, Photonic Network Laboratory
Work Contents （Research theme）	Research on expansion of optical network application areas
Detail of Work Contents	Toward the effective resource utilization and stable operation of various optical networks, this researcher will conduct research on optical monitoring technology that measures the communication quality and surrounding conditions of transmission path, optical network control technology based on large amounts of diverse data, optical switching technology that optically switches and connects the destination of optical signals. This researcher will also demonstrate the effectiveness of optical network systems incorporating the technologies through simulations or experiments. 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	PhD or equivalent experience in research. Sufficient knowledge of optical fiber or free-space optical communication, optical networks, digital signal processing (DSP), network control and optical fiber sensing technologies. Experience of building optical communication systems and evaluation systems of optical networks. Sufficient ability on data analysis, computer simulations and experiments of optical communication systems using the most advanced optical devices.
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