■ Job Information

Subject No.	2027R-3
Job Title	Fixed Term Researcher
Department	Network Research Institute / Photonic ICT Research Center, Optical Access Technology Laboratory
Work Contents （Research theme)	Research and development of ultra-high-speed, spatially multiplexed integrated devices and their system applications
Detail of Work Contents	The researcher in this position will research on ultra-high-speed, spatially multiplexed integrated device technologies that improve power efficiency and reduce resource consumption by jointly utilizing optical and radio domains, for realizing optical-radio seamless access networks in Beyond 5G/6G era. The researcher will be expected to do the development and evaluate these sub-systems (e.g. radio-over-fiber system, free-space optical link, millimeter- and terahertz-waves radio link) with using our developed optical device technologies. 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	Candidate should have (or is expected to have) a Ph.D. in Science, Engineering, Information, or related fields. Experiences with the experiments in particular regarding semiconductor materials, high-speed devises, optical fiber communication systems, convergent technologies between optical and radio systems are preferable.
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