

■ Job Information

Subject No.	2024R-19
Job Title	Fixed Term Researcher
Department	Network Research Institute / Photonic ICT Research Center, Optical Access Technology Laboratory
Work Contents (Research theme)	Research and development on the transmission media-independent and harmonized seamless access network technology
Detail of Work Contents	<p>The researcher in this position will research on harmonization and convergence technologies between optical and radio systems, transmission media-independent communication sub-systems 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.</p> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
	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 optical fiber communication systems, radio communication systems such as millimeter-wave bands, and convergent technologies between optical and radio systems are preferable.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2025 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)	¥484,000 ~ ¥516,000/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)

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.