

■ Job Information

Subject No.	2025R-128
Job Title	Fixed Term Researcher
Department	Network Research Institute / Photonic ICT Research Center, Photonic Network Laboratory
Work Contents (Research theme)	Research on high-capacity and flexible optical network system technologies
Detail of Work Contents	<p>Development of high-capacity and flexible optical network system technologies using spatial division multiplexing, wavelength division multiplexing and time division multiplexing. Specifically, it is research and development on optical fiber transmission, optical switching, optical network control, and digital signal processing technologies. Computer simulation from device to whole system, system design and experimental demonstration of optical network systems.</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>
	<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.</p>
Application requirement	<p>PhD or equivalent experience in research. Sufficient knowledge of optical networks, optical fiber technologies, and digital signal processing (DSP) technologies such as DSP for coherent optical transmission. Experience of building optical network systems and evaluation systems of optical devices. Sufficient ability on data analysis, computer simulations and experiments of optical network systems using the most advanced optical devices. Experience of oral presentation in the international conference.</p>
Recruiting (Number of people)	1
Contract period	<p>hiring date ~ March 31,2026 N.B. Contract could be renewed.</p>
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	<p>¥515,000 ~ ¥534,000/month</p> <p>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.</p>
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.