

■ Job Information

Subject No.	2023R-11
Job Title	Fixed Term Researcher
Department	Network Research Institute / Photonic ICT Research Center, Photonic Network Laboratory
Work Contents (Research theme)	Research on huge-capacity massive-channel optical network system technology and optical network flexibility expansion technology
Detail of Work Contents	<p>Development of basic technologies for huge capacity massive channel optical network system using a large number of optical channels in the spatial and wavelength domains, and also optical network flexibility expansion technology. Computer simulation from device to whole system, system design and experimental demonstration of huge capacity massive channel optical network system, optical network flexibility expansion technology, and related basic technologies.</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> <p>The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.</p>
Application requirement	PhD or equivalent experience in research. Sufficient knowledge of optical communication, networks, signal processing technologies. Experience of building optical communication systems and evaluation systems of optical devices. Sufficient ability on data analysis, computer simulations and experiments of optical communication systems using the most advanced optical devices. Experience of oral presentation in the international conference.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2024 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)	<p>¥550, 000 ~ ¥604, 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.