

■ Job Information

Subject No.	2024R-96
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / National Cyber Observation Center
Work Contents (Research theme)	Study on fabrication and characterization of semiconductor light-emitting and nanophotonic devices
Detail of Work Contents	<p>Main research is design, fabrication, and characterization of nanophotonic devices and/or AlGaN-based deep-ultraviolet (DUV) light-emitting (or laser) diodes.</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>Applicants must have Ph.D degree and expertise in fabrication and optical characterization technologies of nanophotonic devices or light-emitting diodes. Especially, applicants having experience of nanolithography, semiconductor epitaxial growth, device fabrication process, optical characterization of LEDs (LDs), and/or numerical simulation of photonic devices (FDTD, ray-tracing etc) will be preferred.</p>
Recruiting (Number of people)	1
Contract period	<p>hiring date ~ March 31,2025</p> <p>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>¥484,000 ~ ¥516,000/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	Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)
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.