

■ Job Information

Subject No.	2026R-115
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Koganei Frontier Research Center, Green ICT Device Laboratory
Work Contents (Research theme)	Research and Development of Gallium Oxide Electronic Devices
Detail of Work Contents	Research and development on fundamental device and thermal management technologies for gallium oxide (Ga₂O₃) electronic devices, aiming to achieve stable high-frequency operation in harsh environments such as under radiation and at high temperatures. The successful candidate will be mainly in charge of device processing and DC/RF characterization. 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	(Required Qualifications) Applicants must hold a Ph.D. (or be expected to obtain one) in a science or engineering field, or possess equivalent qualifications. Must have knowledge and experience in the field of semiconductor electronic devices. Must be highly motivated to conduct research and capable of carrying out creative research and development in cooperation with others. (Preferred Qualifications) Experience in research and development of high-frequency MOSFETs. Experience in research and development of radiation-tolerant and/or high-temperature semiconductor devices. Knowledge of the device physics of power semiconductors (e.g., SiC, GaN, Ga₂O₃) is desirable.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2027 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)	¥515,000 ~ ¥534,000/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.