■ Job Information

Subject No.	2027R-91
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Kobe Frontier Research Center, Superconductive ICT Device Laboratory
Work Contents （Research theme)	Advancement of nitride superconducting film and junction technologies
Detail of Work Contents	We are recruiting personnel to conduct research and development aimed at advancing nitride superconducting film and junction technologies—specifically, achieving lower loss in planar microwave resonators based on nitride superconducting thin films and improving the coherence time of qubits with nitride superconducting epitaxial junctions. 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 are obliged to concentrate on their duties.
Application requirement	・Doctor's degree or higher in Physics, Applied Physics, Electrical and Electronic Engineering, Information Engineering, Materials Science, or a related field, or expected completion prior to the start date. ・Expertise in superconducting device fabrication (film deposition, lithography, etching), device measurement and evaluation (measurement of weak electrical signals, microwave circuit measurements), and electronic circuits, quantum mechanics, and solid-state physics.
Recruiting (Number of people)	1
Contract period	hiring date ～ March 31,2028 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 3years if certain conditions are fulfilled
Salary (basic salary)	¥541,000 ～ ¥558,000/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	Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)
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.

NICT Fixed Term Positions Job Announcement: https://www.nict.go.jp/en/employment/index-e-top.koubo.html