

■ Job Information

Subject No.	2025R-108
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Kobe Frontier Research Center, Superconductive ICT Device Laboratory
Work Contents (Research theme)	Development of superconducting photon detector
Detail of Work Contents	Photon detectors using superconducting strip show high performance in the visible to mid-infrared wavelength range. In this research, we will carry out research and development aimed at further improving the performance and sophistication of superconducting strip photon detectors. 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	Expert knowledge of superconducting device fabrication (film deposition, lithography, etching), expert knowledge of measurement of electrical signal, high-frequency signal, optical signal), Expert knowledge of electronic circuit, quantum mechanics, solid-state physics
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2026 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)	¥484,000 ~ ¥516,000/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)

*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.