

■ Job Information

Subject No.	2023R-23
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Koganei Frontier Research Center, Quantum ICT Laboratory
Work Contents (Research theme)	Research and development on ion traps for fault-tolerant quantum computing
Detail of Work Contents	<p>The project aims to develop an ion trap for fault-tolerant quantum computing.</p> <p>In accordance with the policy of the Japanese government decided on February 12, 2020 (https://www8.cao.go.jp/cstp/compefund/jisshishishin.pdf), 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 if conditions of employees meet the requirements of the policy.</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	<p>The applicant must have a Ph. D. (or equivalent) degree and some of the following research experiences in companies, universities, or other research institutes.</p> <p>(1) experiment on trapped ions (2) experiment on laser cooling (3) development of laser systems (4) experiment on quantum optics</p>
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31, 2024 N.B. Contract will not be renewed..
The employment period in case of fully renewing	Up to March 31, 2024 if certain conditions are fulfilled
Salary (basic salary)	<p>¥471,000 ~ ¥509,000/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.