

■ Job Information

Subject No.	2020R-15
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Quantum ICT Advanced Development Center
Work Contents (Research theme)	Research on quantum cryptography and quantum communication technologies
Detail of Work Contents	<p>The goal of the project is to develop novel quantum cryptography and quantum communication protocols by using the latest quantum optics and conventional optical communication technologies.</p> <p>The Article 15(2) of the Act on the activation of Science and Technology and Innovation will be applied to this work content.</p>
Application requirement	<p>Requirements:</p> <ul style="list-style-type: none"> - Doctoral degree. - Research experience on quantum optics, quantum communication, or optical communication (for the last one, a strong motivation to study the area of quantum information technologies is required). <p>Specifically, some of the following topics (the more the better):</p> <ul style="list-style-type: none"> i) Quantum cryptography. ii) Experimental quantum optics. iii) Quantum information technology with optics. iv) Coherent optical communication technologies.
Recruiting (Number of people)	1
Period of Employment	<p>hiring date ~ March 31,2021</p> <p>N.B. Contract will not be renewed..</p>
Salary (basic salary)	<p>¥467,000 ~ ¥510,000/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	<p>Headquarters (Koganei-shi, Tokyo)</p>
Working frequency	5 days/week

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc.