■ Job Information

| Subject No. | 2020R-14 |
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| Job Title | Fixed Term Researcher |
| Department | Advanced ICT Research Institute / Quantum ICT Advanced Development Center |
| Work Contents (Research theme) | Research on quantum key distribution network |
| Detail of Work Contents | The project aims to develop a new protocol, network architecture, and applications of quantum key distribution network as well as its standardization.<br><br>The Article 15(2) of the Act on the activation of Science and Technology and Innovation will be applied to this work content. |
| Application requirement | Requirements:<br>- Doctoral degree.<br>- Some of the following backgrounds (the more the better):<br>i) Basic knowledge on quantum key distribution.<br>ii) Research experience on information theoretic secure technologies including quantum key distribution.<br>iii) Research experience on network security.<br>iv) Research experience on network architecture.<br>v) Research experience on optical communication technologies including forward error correction.<br>vi) Experience on international standardization activities. |
| Recruiting (Number of people) | 1 |
| Period of Employment | hiring date ～ March 31,2021<br> N.B. Contract will not be renewed.. |
| Salary (basic salary) | ¥467,000 ～ ¥510,000／month<br><br>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） |

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