

■ Job Information

| | |
|---|--|
| Subject No. | 2024R-56 |
| Job Title | Fixed Term Researcher |
| Department | Advanced ICT Research Institute / Koganei Frontier Research Center, Quantum ICT Laboratory |
| Work Contents (Research theme) | Research on quantum networks (optical communication systems) |
| Detail of Work Contents | Performs basic experimental research on quantum communications, quantum networks, and quantum optical communications. 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 | The applicant must have a Ph. D. (or equivalent) degree and some of the following research experiences in companies, universities, or other research institutes. (1) Clock synchronization technology for measuring instruments and lasers between remote nodes (2) Stabilization technology for optical interferometers (3) Ultrashort pulse and waveform shaping technology (4) Optical communication technology (optical modulation and homodyne reception) (5) Basic knowledge of quantum information or quantum optics |
| Recruiting (Number of people) | 2 |
| Contract period | hiring date ~ March 31,2025 N.B. Contract could be renewed. |
| The employment period in case of fully renewing | Up to March 31,2026 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 | 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.

Scope of change in work and workplace : No changes are expected in general.