### Job Information

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<th>Subject No.</th>
<th>2024R-16</th>
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<tr>
<td>Job Title</td>
<td>Fixed Term Researcher</td>
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<tr>
<td>Department</td>
<td>Network Research Institute / Network Architecture Laboratory</td>
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<td>Work Contents (Research theme)</td>
<td>R&amp;D on blockchain/DLT and distributed networking</td>
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#### Detail of Work Contents

The research in this position will conduct a research on blockchain-based or DLT-based information distribution networks that provides the reliable information to various network services. Creating a new network architecture cooperating with edge computing and information-centric networking. Developing and promoting the prototype implementations to evaluate the proposals is included as well as presenting concrete network services.

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

- Ph.D. or equivalent career is required.
- Applicant should have experience in research on network protocols/services and should have published at least 3 refereed papers (preferably 10 refereed papers) in journal or international conferences or workshops as a principal author. Knowledge on blockchain and information-centric networking is plus.
- Applicant should be able to conduct the research with a broad knowledge and interests not only in own particular field but the entire network area. A way of thinking based on design principles but free from the existing technologies is required.
- Applicant should have sufficient ability to read/write/speak Japanese language for technical discussions.
- Ability on software development using C, C++, Java, and Python, and/or simulator development such as ns-3 and MATLAB is required.

# The amount of basic salary will be determined based on the level of each published paper and the system development skill.

#### Recruiting (Number of people)

1

#### Contract period

- hiring date ~ March 31, 2025
- 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 ~ ¥611,000/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.