

■ Job Information

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| Subject No.                                           | 2026R-123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Job Title                                             | Fixed Term Researcher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Department                                            | Network Research Institute / Wireless Networks Research Center,<br>Wireless Systems Laboratory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Work Contents<br>(Research theme)                     | R&D on radio propagation models, physical layer, and MAC layer for control, adaptation, and high-reliability in next-generation wireless networks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Detail of Work Contents                               | <p>Conduct R&amp;D on radio propagation models, physical layer, and MAC layer for control, adaptation, and high-reliability in next-generation wireless networks. Based on novel concepts such as the use of AI/ML, develop propagation models and/or design and evaluate PHY-MAC technologies applicable to propagation prediction, interference prediction and control, and multiplexing techniques. Publish the results as peer-reviewed papers for international conferences and journals and contribute to standardization where necessary.</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>                                                        |
|                                                       | 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                               | <p>1) Applicants must have research experience in the radio propagation model, PHY and MAC layers related to wireless network control, adaptation, and high reliability, and must have paper(s) accepted in peer-reviewed journals published by IEICE or IEEE. Also, applicants must have paper(s) accepted at major conferences specified by IEEE or relevant societies.</p> <p>2) Applicants should have experience contributing to international standardization bodies such as 3GPP, IEEE, and/or ITU-R in the area of wireless network control, adaptation, and high reliability related to the radio propagation model, PHY and MAC layers. This is desirable but not required.</p> <p>3) PhD or equivalent experience in research.</p> |
| Recruiting<br>(Number of people)                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Contract period                                       | hiring date ~ March 31, 2027<br>N.B. Contract could be renewed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| The employment period<br>in case of fully<br>renewing | Up to 5 years if certain conditions are fulfilled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Salary<br>(basic salary)                              | ¥515, 000 ~ ¥534, 000/month<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                                            | Wireless Networks Research Center<br>(Yokosuka-shi, Kanagawa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Working frequency                                     | 5days/week (7.5hours/day)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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

\* The expressions used in "Work Contents (Research theme)" and "Detail of Work Contents" and the names of "Department" and "Work Place" may be subject to change due to organizational restructuring or other reasons.