

■ Job Information

Subject No.	2025T-100
Job Title	Fixed Term Research Engineer
Department	Universal Communication Research Institute / Advanced Speech Translation Research and Development Promotion Center, Advanced Translation Technology Laboratory
Work Contents (Research theme)	Development and Maintenance of High-Performance Multilingual Neural Machine Translation Systems
Detail of Work Contents	<p>Multi-lingual neural machine translation systems have already achieved high accuracy for major languages for which sufficient data is available. On the other hand, there are problems such as performance degradation and instability for so-called low-resource languages for which language resources are insufficient. This work is required to stably expand the high-accuracy performance of existing translation systems to low-resource languages. Specifically, this work requires improvements on the structure of a large-scale language model that integrates major languages and low-resource languages, as well as development and implementation of training algorithms, and evaluation on the translation performance.</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>
	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	having actual results in research and development on multilingual machine translation
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2026 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to a total term of 5 years from the date of hiring if certain conditions are fulfilled
Salary (basic salary)	<p>¥459, 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	Universal Communication Research Institute (Seika-cho, Soraku-gun, Kyoto)
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.