

# Open recruitment for a researcher in Q-LEAP Program

## Number of recruitment:

1 project researcher (full-time employee)

## Affiliation:

Department of Engineering Science, Graduate School of Informatics and Engineering,  
The University of Electro-Communications (1-5-1 Chofugaoka, Chofu, Tokyo, Japan)

## Research content:

A project researcher will participate in one of the Q-LEAP Programs, “Development of spectroscopic techniques based on cutting-edge quantum optics toward elucidating functions of complex molecular systems” (Principal Investigator: Associate Professor Ryosuke Shimizu, Co-Investigator: Professor Kaoru Minoshima) and undertake researches on light source and spectroscopic technology.

Please visit the following URLs for the outline of Q-LEAP Program.

<http://www.jst.go.jp/shincho/q-leap/index.html>

<http://www.jst.go.jp/shincho/q-leap/pdf/measurement.pdf>

## Fields of specialization:

The researcher who has experiences, especially experimental ones, in the following fields is preferable. Ultrafast photonics and technology, mode-locked laser, fiber laser, laser control, spectroscopic measurement, etc.

The researcher in other fields, such as optics, physics, electrical and electronic engineering, etc. is also acceptable. We favor highly-motivated candidate who can try new things by themselves willingly.

## Required qualification for application:

Ph.D degree in science and engineering

## Employment period:

From April 1, 2019 to March 31, 2020

The employment contract may be renewed every year depending on the situation of the Q-LEAP contract period and the work performance, up until March 31, 2023.

※It also depends on the result of the performance evaluation.

## Position:

Project researcher (full-time employee)

## Salary:

Comply with the regulations of The University of Electro-communications, commensurate with qualifications and experiences.

## Working hours:

5-day workweek, basically 7 hours and 45 minutes a day's work excluding breaks.

※Applying the discretionary labor system, it is regarded that a project researcher works as long as the above-mentioned working hours.

Days off:

Saturdays, Sundays, public holidays, Year-end and New Year holidays (from December 29 to January 3).

Vacation:

Paid vacation and the others in accordance with the regulations of The University of Electro-Communications

Insurance contract:

Employment insurance, industrial accident insurance, annuity insurance, and health insurance.  
A project researcher will join the mutual aid association of the Ministry of Education, Culture, Sports, Science and Technology.

Application materials:

1. Curriculum vitae with portrait
2. Research history and its outline (about 2000 words)
3. A list of achievements categorized into original papers, international conference papers, books, reviews, patents, awards etc.
4. Copies of three representative papers (photocopies are acceptable)
5. Research plan or idea after employment (about 1000 words)
6. Contact information (name, affiliation, contact address) of at least two researchers who can provide information about the applicant
7. Other items warranting special mention

※These application materials will be used only for this recruitment and not be returned to applicants.

Deadline for application:

January 15, 2019

As the opening may be closed before the deadline once the eligible applicant is selected, it is preferable to contact us as soon as possible.

Selection Method:

The employment feasibility will be determined by document review and interview.

※All applicants should pay own traveling expenses and others necessary for this selection.

Application materials should be sent to:

Prof. Kaoru Minoshima  
Graduate School of Informatics and Engineering,  
The University of Electro-Communications  
1-5-1 Chofugaoka, Chofu, Tokyo 182-8585, Japan

※The materials should be sent by registered mail.

※Please write "Application materials for a project researcher" in red letters on an envelope.

Where to make contact:

Prof. Kaoru Minoshima and/or Assoc. Prof. Ryosuke Shimizu  
Graduate School of Informatics and Engineering,  
The University of Electro-Communications  
E-mail: [erato-ios-job-ml@uec.ac.jp](mailto:erato-ios-job-ml@uec.ac.jp)