

Open recruitment for a researcher in JST, ERATO MINOSHIMA “Intelligent Optical Synthesizer” Project

The number of recruitment:

1 postdoctoral researcher

Affiliation:

Minoshima Laboratory, Graduate School of Informatics and Engineering,
The University of Electro-Communications (Chofu, Tokyo, Japan)

Research content:

You will participate in JST, ERATO MINOSHIMA “Intelligent Optical Synthesizer” Project and undertake research on optical comb or optical synthesizer.

Please visit the following URL for the outline of our research.

<http://www.jst.go.jp/erato/minoshima/en/>

Our group in The University of Electro-Communications is conducting the research for development of advanced comb light sources and application to control and synthesis technique of light waves, and the development of new application techniques of combs such as precision measurement, spectroscopy and imaging.

Fields of Specialization:

The researcher who has experiences in the following fields is preferable:

Mode-locked laser, fiber laser, laser control, measurement and sensing, computer simulation, 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 the day as soon as possible after October 1, 2017 to March 31, 2018

The contract may be renewed every year depending on the work performance, up until March 31, 2019.

Position:

Postdoctoral researcher

Salary:

Comply with the regulations of The University of Electro-communications, commensurate with qualifications and experience. Social insurance will apply.

Official working hours:

Based on 8:30-17:15 except 12:00-13:00 for lunch, it will be changed according to the job conditions.

Days off:

Weekends, public holidays, Year-end and New Year holidays, in accordance with the regulations of The University of Electro-Communications.

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 paper, books, review, patents, research fund, awards etc.
4. A copy 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 you.

Deadline for application:

October 31, 2017

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:

Document review and interview

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 postdoctoral researcher" in red letters on an envelope.

Where to make contact:

erato-ios-job-ml@uec.ac.jp