

The University of Electro-Communications

Job Openings: Tenure Track Assistant Professors

(Control Engineering)

The University of Electro-Communications (UEC) invites applications for Tenure Track Assistant Professors.

In this tenure track system, the term of employment is five years from the start of the employment. During this period, newly employed assistant professors will receive an interim review in the third year of their employment, followed by a tenure review in the fifth year of the employment, and if their track record on research and other relevant factors are recognized to be exceptionally superior, they will be awarded the tenured status (i.e., guaranteed employment until the mandatory retirement) from the university as well as the promotion to associate professorship.

Note: Please refer to the following URL for general information on the tenure track program at UEC.

http://www.uec.ac.jp/eng/research/activity/uec_tenure_track/index.html

1. Title and number of position

Assistant professor (full time), One position

2. Affiliation after the employment

Measurement and Control Systems Program, Department of Mechanical Engineering and Intelligent System, Graduate School of Informatics and Engineering

3. Fields of specialty

Control Engineering:

Theory and applications of control engineering which contributes as crucial infrastructure for developments of IoT (Internet of Things) and CPS (Cyber Physical Systems), for example, network control, control systems securities, model based control, data-driven control, modeling, multiagent control systems, quantized control, nonlinear control, adaptive control, learning control and so on. Furthermore, more advanced applications for super-smart societies based on IoT, for example, medical care, welfare, mobility, electric power, water supply, gas, ecology, traffic systems and so on.

4. Responsible subjects

One or two subjects from physics laboratory, basic experiments of mechatronics, basic subjects, cluster basic subjects, and cluster specialized subjects. For further details, please make inquiries to the contact person shown in the item 11.

5. Eligibility for application

1) Applicants must apply for “Leading Initiative for Excellent Young Researcher (LEADER)” program.

http://www.mext.go.jp/a_menu/jinzai/takuetsu/index.htm

<https://www.jsps.go.jp/j-le/index.html>

2) Applicants should be below 35 years of age as of April 1, 2019. (The age requirement is set for this job opening because the successful applicant will be employed by “Leading Initiative for Excellent Young Researcher (LEADER)” program supported by Ministry of Education, Culture, Sports, Science and Technology. In addition, it falls under Ordinance for Employment Measures Act, Article 1-3, Clause 1, Item 3-(c).)

3). Applicants must hold a doctorate degree and must be advanced in research in the above fields.

4). Applicants must be capable of conducting creative research.

5). Applicants are expected to be capable of guiding students in Japanese.

6. Start of employment

October 1, 2018 (or later at the earliest possible date.)

7. Period of employment

Five years from the start of the employment. If the tenure is not granted, however, maximum of two years may be added to the period of employment in order to provide preparation time for transfer.

8. Expected teaching activity

Applicants must be highly motivated for teaching. And your contribution in teaching made through the lectures in undergraduate or graduate courses as well as research supervision for undergraduate or graduate students will be also a subject for evaluation in the reviews.

9. Salary, research fund, etc.

- 1).Salary : Annual Salary System (Based on rules of the University of Electro-Communications)
- 2).Research fund : In addition to the regular research fund allocated to faculty members according to the university rule, the research fund based on LEADER program guideline will be granted to the successful applicant if he/she will be selected as the candidate of LEADER Program.

10. Documents for Submission

Applicants must apply to become a candidate of LEADER program through the electronic application system run by Japan Society for the Promotion of Science (JSPS) between March 26th, 2018 (Mon) and April 26th, 2018 (Thu) by 17:00. In addition, all required documents listed below should be sent to our address stated in Section 11 by June 8, 2018 (Fri).

UEC requests every applicant to make an “advance notice” (Negotiation between UEC and each applicant before selected as a candidate of LEADER program) to us. However, once we have received the application documents, we will consider the advance notice has been made.

- 1). Application form: (Photo, Resume, List of research achievements)

Please download and fill in the Application Form.

http://www.uec.ac.jp/about/advertisement/pdf/oubo_sinseisyo_e.pdf (PDF file)

http://www.uec.ac.jp/about/advertisement/date/oubo_sinseisyo_e.doc (MS-word file)

- 2). Research papers (up to 5 papers: duplicates are acceptable)
- 3). Outline of research achievements: up to 2 pages of A4 sheet
- 4). Outline of research plan in UEC: up to 2 pages of A4 sheet
- 5). Teaching experience and your goals in education: up to 2 pages of A4 sheet
- 6) The names, affiliations, positions, contacts (including e-mail address) and relation of two references.
- 7) 2018 LEADER program Application Form (Form 1, including Form 1 Attachment)
- 8) 2018 LEADER program Research Proposal (Form 2)

* Please also submit us the documents 7)~8) which you make to apply for a candidate of LEADER Program.

11. Instructions for Submission

Application documents must be sent to the following address by postal mail. Application documents are not subject to return. The application documents will not be used for purposes other than this selection.

Professor Osamu Kaneko

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Graduate School of Informatics and Engineering
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(Please write “Application documents for faculty position in the field of control engineering” on the envelope in red ink, and it should be sent by Simplified Registered Mail. Also please notify the contact personnel as shown in the above address by E-mail that you have sent the application documents to us.)

12. Application Deadline

Application documents must arrive by 17:00 June 8, 2018 Japan Standard Time

13. Selection Procedure

If you pass the screening of application documents, you will be requested to come to the UEC for an interview. Please note that transportation for the interview will be at your own expense.

14. Contact

As shown in the item 11.

15. Others

- All faculty members of UEC belong to the Academic Institute, through which individual faculty members are assigned to specific departments or centers.
- Under the principle of The Basic Law for a Gender-Equal Society, UEC is aiming to increase the number of female faculty members through an effort to provide working environment that is friendly to female employees, such as Work-Life Balance Support and Support for Research Career Advancement. Female candidates are strongly encouraged to apply. For more information please refer to the following URL:

<http://www.ge.uec.ac.jp/>