

The University of Electro-Communications (UEC)

Job Openings: Tenure-Track Assistant Professor

(Electromagnetic Compatibility)

Opening for a tenure-track assistant professor. Under the tenure-track system, the employment period (tenure-track period) is 5 years from the employment date. The successful candidate must be recognized for their outstanding academic capabilities after undergoing an interim evaluation in the third year and a tenure qualification review in the fifth year, to be granted tenure status (permanent employment) and promotion to associate professor.

Note: Please refer to the following URL for general information on the UEC's tenure-track system.

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

1. Title and number of position openings

Assistant professor (full-time), 1 open position

2. Affiliation/Department

Electronics and Information Engineering Program,
Department of Computer and Network Engineering,
Graduate School of Informatics and Engineering

3. Recruitment field

The field of electromagnetic compatibility (EMC). For example, EMC measurement (measurement techniques, immunity and susceptibility test etc.), techniques for suppressing electromagnetic radiation (shield, filter, absorber and electrostatic discharge, etc.), EMC co-design and optimal design of electronic equipment and printed circuit board, EMC techniques related to new application in power electronics, automotive and IoT (wireless power transfer, wearable device, intra-body communication, renewable energy, smart-grid, etc.).

4. Subject in charge

The successful applicant will be in charge of lectures on special subjects at undergraduate and/or graduate schools. The successful applicant may be requested to take charge of lectures on basic subjects.

(For details of lectures, please refer to the following URL (Japanese only).)

<https://www.uec.ac.jp/education/undergraduate/cluster2/curriculum.html>

<https://www.uec.ac.jp/campus/academic/syllabus.html>

5. Qualification requirement

- 1) Applicants must possess a doctorate degree by the date of employment and must be advanced in research in the above fields.
- 2) Applicants must be capable of conducting independent, creative research.
- 3) The doctorate degree must be one that was obtained in the last 10 years.
- 4) Postdoctoral experience or equivalent is preferable.
- 5) Applicants are expected to be capable of guiding students in Japanese.

6. Start of employment

October 1st, 2021 (or later at the earliest possible date.)

7. Term of employment and employment status

1) Terms of employment (tenure-track period):

• The tenure-track period will last 5 years from the start of employment. In case tenure is not granted at the 5th year, up to a maximum of 2 more years of non-tenure-track employment period can be added, which would serve as a preparatory period to look for outside opportunities.

• The tenure-track period can be extended if you take childcare, prenatal, postnatal, or nursing care leave. In this regard, the implementation of both the tenure interim evaluation and examination can be changed within the extended term. However, the total tenure-track period from the hiring date should be within a maximum of 10 years.

2) Employment status: Full-time research and education employee

3) Place of employment: The University of Electro-Communications (1-5-1 Chofugaoka, Chofu, Tokyo)

4) Work hours: Discretionary labor system

Based on standard work hours of 7 hours and 45 minutes during 8:30am-5:15pm, an individual employee may decide how his/her schedule will fit into work day.

5) Holidays: Saturday, Sunday, holidays prescribed by the National Holiday Act, New Year's holiday, and the days designated by UEC.

However, if an employee teaches a night course of the Fundamental Programs for Advanced Engineering that is offered on Saturday, the day off should be taken on one of the weekdays instead. For securing the number of credit hours, an employee may need to work on public holidays.

6) Paid holidays: Annual paid holidays, special leave, childcare leave, and nursing care leave

7) Insurances: Health insurance (the Monbukagakusho Mutual-Aid Association Insurance), national pension, employment insurance, and worker's compensation insurance

8. Expected educational activities

This tenure-track assistant professor must be highly motivated to educate. Teaching graduate/undergraduate classes and giving research guidance to students will also be evaluated factors in the tenure-qualification review.

9. Salary and research fund

1) Salary : Annual salary based on the UEC Employee's Salary Regulation

2) Research fund : The assistant professor's research expenses according to the university rule.

10. Documents for submission

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

Please download and fill in the Application Form.

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

https://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 achievement: up to 2 pages on an A4 sheet

4). Outline of research plan in UEC: up to 2 pages on an A4 sheet

5). Teaching experience and your goals in education: up to 2 pages on an A4 sheet

6) The names, affiliations, contacts (including e-mail address) and relation of 2 references.

7) If you choose to submit via postal mail, put above application documents (1) to (6) on CD or USB memory stick as a PDF file

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11. Instructions for submission

Application documents are highly recommended to submit via JREC-IN Portal Web.

https://jrecin.jst.go.jp/seek/JorDetail?fn=3&id=D121021611&ln_jor=0

If you choose to submit via postal mail, please send to the following address. The documents are not subject to return. The application documents will not be used for purposes other than this selection.

Professor Fengchao Xiao

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The University of Electro-Communications

1-5-1 Chofugaoka, Chofu-shi, Tokyo 182-8585 Japan

(Please write, “Application for Faculty Position in the Field of ----” in red on the envelope’s surface and send it by registered mail “簡易書留” if dispatched within Japan. Meanwhile, please inform us by e-mail that application documents are on their way to us.)

12. Application deadline

Application documents must arrive by 17:00 on May 28 (Fri), 2021 (Japan Standard Time)

13. Selection procedure

Candidates who pass the application screening will be requested to come to the UEC for an interview at their own expense. The interview may be held by online via Skype, etc for those who live outside Japan.

14. Contact

Mr. Yoshiki Kayano, Department of Computer and Network Engineering, Graduate School of Informatics and Engineering, The University of Electro-Communications

Phone: +81-42-443-5233

E-Mail: ykayano@uec.ac.jp

15. Others

All UEC faculty members belong to the Academic Institute and are assigned to the graduate/undergraduate school or center.

•Based on an aim to engage in the target value that is described in the 5th Science and Technology Basic Plan in fiscal year 2016–2020 (Cabinet office, Government of Japan, 2016), the government is acting to achieve a ten percent increase in the number of young researchers under 40 years of age, and hopes to increase this number by over thirty percent in the overall higher educations for the future. UEC is recruiting well-qualified young researchers in order to foster them and accelerate their dynamic research activities. For more information, please refer to the following URL:

<https://www8.cao.go.jp/cstp/kihonkeikaku/index5.html>

•UEC actively promotes gender equality and is making efforts to create a diverse workplace environment, especially in ensuring that female members’ work–life balance and research

career development meet their needs.

For more information, please refer to the following:

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