

The University of Electro-Communications

Job Openings: Tenure Track Associate Professor

(Quantum Science (Theoretical Atomic, Molecular, and Optical Physics, and Quantum electronics))

UEC is accepting applications for tenure-track associate professors based on the UEC tenure track system to motivate outstanding young researchers.

Under this system, the employment period is five years from the date of hiring, with an interim evaluation in the third year and a final tenure review in the fifth year. Successful candidates will be granted tenure status as an associate professor.

If the interim evaluation or research result shows that the candidates have made outstanding achievements, the tenure track period may be shortened to grant early tenure status.

This system aims to welcome excellent young faculty member in posts equivalent to an associate professor and provide an opportunity to carry out educational and research activities independently. We expect active applications from young researchers.

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

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

1. Title and number of position

Associate professor (full time), One position

2. Affiliation after the employment

Engineering Physics Program

Department of Engineering Science

Graduate School of Informatics and Engineering

3. Fields of specialty

Theory in the field of Atomic, Molecular, and Optical Physics, Quantum electronics.

4. Responsible subjects

Responsibilities include teaching undergraduate and graduate specialized courses. Applicant may be requested to teach basic courses including Mechanics, Electromagnetisms, Quantum mechanics, Thermodynamics, Statistical Physics, Physical mathematics, Computational Physics (For detail, please refer to the website below).

<https://www.uec.ac.jp/education/undergraduate/cluster3/curriculum.html>

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

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

5. Eligibility for application

- 1). Candidates must have a doctoral degree in the above-mentioned field at the time of appointment, and promote excellent research.
- 2). Candidates must be capable of conducting independent and creative research.
- 3). A doctoral degree was obtained approximately 8 years prior to application.
- 4). Assistant professor or postdoctoral experience or equivalent is preferable.
- 5). Candidates are expected to be capable of guiding students in Japanese.

6. Start of employment

1st October, 2023 (or later at the earliest possible date.)

7. Term of employment and Employment status

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

- The tenure-track period will last 5 years from the date of hiring. Once tenure is granted, a candidates' title will be associate professor. If the interim evaluation or research result shows that the candidate has made outstanding achievements, the tenure track period may be shortened to grant early tenure status.

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) Measures for indoor passive smoking have been taken.

4) Work hours: Discretionary Labor System for Professional Work

Based on standard work hours of 7 hours and 45minutes 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/pension (the Monbukagakusho Mutual-Aid Association insurance), employment insurance, and worker's compensation insurance

8. Expected educational activities

This tenure-track associate 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 associate 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.

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). Reprints or copies of five or less major research papers or articles
- 3). Outline of research achievements up to two pages of A4-sized paper
- 4). Research plan in UEC: up to 2 pages of A4 sheet
- 5). Teaching experience and statement of resolution to carry out university education: up to 2 pages of A4 sheet
- 6) References

Submit three references, one of whom must be a resident of Japan, and one with a residence outside of Japan. Provide reference name, affiliation/company, your relationship, and contact information, including e-mail address.

11. Submission of application documents

Application documents must be sent to the following address by postal mail and are not subject to return. The required documents must be submitted both in hard copy and in

digital media (USB flash drive or CD-R / DVD-R) storing the documents in PDF format. Applications should be sent to the following address via registered (postal) mail. We do not accept submissions via e-mail. Submitted application documents and digital media will not be returned. The application documents will not be used for purposes other than this selection.

Send to: Prof. Yoko Miyamoto, Engineering Physics Program,
Department of Engineering Science,
The University of Electro-Communications
1-5-1 Chofugaoka, Chofu City,
Tokyo 182-8585 Japan

(Please write Application documents for Quantum Science on the envelope in red ink, and sent by Simplified Registered Mail. Also, please notify the contact personnel shown in section 14 by E-mail that you have sent the application documents to us.)

12. Application Deadline

The deadline for submitting the application is 17:00 on May 19, 2023 (Japan Standard Time)

13. Selection Procedure

The oral interview will be conducted for only those applicants who have passed their document screening.

Please note that applicants are responsible for the expenses incurred for an interview.

An online interview is available for applicants from outside of Japan.

In case of requesting to undergo an online interview, please contact the following shown in section 14.

* According to the situation of COVID-19, we may conduct online interview including domestic applicants.

14. Contact

Prof. Toru Morishita, Department of Engineering Science,

Phone: +81 424 43 5458 E-Mail: toru@pc.uec.ac.jp

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. Others

- All faculty members of UEC belong to the Academic Institute where individual faculty members are assigned to specific departments or centers.
- Based on an aim to engage in the target value that is described in the Council for Science, Technology and Innovation (Cabinet office, Government of Japan), 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/tougosenryaku/index.html>

- To further promote gender equality and diversity measures, UEC endeavors to increase the number of female faculty members through an effort to ensure women-friendly working environment such as activities in consideration of work-life balance and supports for Research Career Advancement. For further information, please refer to the following link.

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