

## **The University of Electro-Communications**

### **Job Openings: Associate Professor or Assistant Professor**

(Nano-micro Scale Fluid Dynamics)

#### **1. Title and number of position**

Associate professor or assistant professor, one position

#### **2. Affiliation after the employment**

The University of Electro-Communications, Graduate School of Informatics and Engineering,  
Department of Mechanical Engineering and Intelligent Systems

<http://www.uec.ac.jp/education/graduate/m/index.html>

<http://www.uec.ac.jp/education/undergraduate/cluster3/>

#### **3. Fields of specialty**

Nano-micro Scale Fluid Dynamics: Molecular Fluid Dynamics, Molecular Dynamics, Quantum Fluid Dynamics, Multi-scale Measurement, Multi-Physics Analysis and Control, and Related Research to Above or Others

#### **4. Responsible subjects**

Physics Laboratory, Mechanical Engineering and Intelligent Systems Laboratories, and Fundamental and Advanced Courses of Mechanical Engineering, etc.

#### **5. Eligibility for application**

- 1) Successful applicant should be 35 years of age or younger as of April 1, 2018 (The age requirement is set for this job opening because this position will be subsidized by “Support Expansion of Recruitment Opportunities for Talented Young Researcher” project under the Subsidy for Enhancement and Promotion of National University Reform supported by the Ministry of Education, Culture, Sports, Science and Technology. In addition, it falls under the Ordinance for Employment Measures Act, Article 1-3, Clause 1, Item 3-(c).)
- 2) Applicants must possess a doctorate degree by the date of employment and must be advanced in research in the above fields.
- 3) Applicants must have a good research record in the indicated fields of specialty, and must be ready to contribute to the progress of the fields through activities in education and research.
- 4) Applicants must be able to teach the courses listed in the responsible subjects.
- 5) Applicants are capable of guiding students in Japanese.
- 6) Applicants can conduct worldwide research.

#### **6. Employment status**      Full-time

In case the successful applicant will be employed as an assistant professor, the assistant professorship is for a five-year period. 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 records on research and other relevant factors are recognized to be exceptionally superior, achievement and performance, tenured status (i.e. guarantee employment until mandatory retirement age) and promotion to associate professor will be granted.

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

On the other hand, in case of being employed as an associate professor, the successful applicant will receive a permanent position as associate professor.

## **7. Salary**

Annual Salary System (based on rules of the University of Electro-Communications).

## **8. Start of employment**

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

## **9. Documents for Submission**

The University will not return the submitted documents to applicants under any circumstances. The application documents will not be used for purposes other than this selection.

### **(1) Application form: (Photo, CV, List of research achievements)**

Please download and fill in the Application Form.

[http://www.uec.ac.jp/about/advertisement/pdf/oubo\\_sinseisyo\\_e.pdf](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](http://www.uec.ac.jp/about/advertisement/date/oubo_sinseisyo_e.doc) (MS-word file)

### **(2) Reprints or photocopies of major publications (about 5 papers)**

(The number of citations and journal impact factor should be provided if available)

### **(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) Names, affiliations, job titles, contacts (including e-mail address) and relation of three references in Japan or from outside of Japan in case of applying for Assistant Professor, and of two references in Japan and two references from outside of Japan in case of applying for Associate Professor.**

(7) A CD or USB memory including pdf-files of the above documents (1)–(6) in A4 single sided format as well as the original printed documents.

(8) An envelope with the applicant's name and postal address written on it, which will be used for the notification of the selection result.

#### **10. Instructions for Submission**

Application documents must be sent to the address shown in section 14 by registered mail.

#### **11. 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 UEC will not cover interview travel expenses for any applicants.

#### **12. Application Deadline**

Application documents must arrive by 17:00 October 31, 2017 JST

#### **13. Contact**

Prof. Takeshi Miyazaki

Department of Mechanical Engineering and Intelligent Systems

The University of Electro-Communications

Phone: +81-42-443-5390      E-Mail: miyazaki@mce.uec.ac.jp

#### **14. 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.

Prof. Takashi Kuboki

Chair of Department of Mechanical Engineering and Intelligent Systems

The University of Electro-Communications

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

E-Mail: kuboki@mce.uec.ac.jp

(Please write "Application documents for faculty position in the field of Nano-micro Scale Fluid Dynamics" on the envelope in red ink, and it should be sent by Traceable Mail. Also please notify the contact personnel as shown in section 14 by E-mail that you have sent the application documents to us. The subject of the E-mail must be "Application documents for faculty position in the field of Nano-micro Scale Fluid Dynamics".)

#### **15. Additional information**

- 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. Female candidates are strongly encouraged to apply. For more information, please refer to the following URL:

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