

November 1, 2021

Junichi Murata, Dean,  
Faculty of Information Science  
and Electrical Engineering,  
Kyushu University

Associate Professor Position Announcement

Department of Electronics, Faculty of Information Science and Electrical Engineering,  
Kyushu University

1. Open Position: Associate Professor
2. Affiliation: Department of Electronics, Faculty of Information Science and Electrical Engineering, Kyushu University.  
<https://portal.isee.kyushu-u.ac.jp/>
3. Place of Work: Kyushu University Ito Campus, 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan.
4. Research Area: Artificial Intelligence, "AI" has come to play a crucial role in manufacturing, healthcare, finance, marketing and more in the modern society, however today's AI is going against low carbon. In order to create a low-carbon information society, we will establish the "Neurocomputing Laboratory for AI" to develop hardware that realizes ultra-low carbon AI. In this open call for a faculty position, those who can operate this laboratory, for example, those who are involved in the design of learning and inference hardware with ultra-low power consumption, and those who can actively work on its social utilization in combination with energy harvesting and sensors. In particular, we welcome those who can promote research that produces synergistic effects with Associate Professor Takeaki Yajima of the Department of Electronics.  
Specialty: Machine learning algorithms, neuromorphic, circuit design and edge devices
5. Job Description:
  - The successful candidate is expected to conduct research and supervision of students in the Graduate School of Information Science and Electrical Engineering (ISEE) for the topics presented in the item 4.
  - He/she will also teach some courses in the Department of Electrical and Electronic Engineering, the Graduate School of ISEE and in the Department of Electrical Engineering and Computer Sciences, the School of Engineering.
6. Position Type: Regular full-time. Five-year tenure-track. After the five years are up, the successful applicant undergoes a tenure review. She/he becomes a tenured faculty member by passing it. An intermediate evaluation shall be held in the third year. We are planning to support research funds (Start-up support). (Amount: 1st year: JPY 2,000,000. 2nd year: JPY 1,000,000)
7. Working Hours, Break Time, and Overtime Work: 7 hours and 45 minutes per day based on discretionary labor system for professional work.
8. Holidays: Saturday, Sunday, public holidays, and from December 29 to January 3.
9. Salary: Annual salary system will be applied. Base annual salary is determined based on professional experience, job responsibilities and other relevant factors along with the University's related regulations.
10. Insurances: Employment insurance, Industrial injury insurance, Health insurance, and Employee

pension.

11. Qualifications: The candidate should
  - (i) have a PhD or equivalent.
  - (ii) be enthusiastic in teaching and research.
  - (iii) able to teach, supervise, and give lectures in English.
12. Start Date: As soon as possible after April 1st, 2022.
13. Application Documents:
  - (i) Curriculum vitae including the candidate's profile photo, education after high school, work experience, academic society memberships, social activities, awards, and other particularly notable entries.
  - (ii) A list of publications. Please categorize them based on the types of the publications such as peer-reviewed journal papers, proceedings of international conferences, tutorial papers, books, invited talks, patents, etc. (show h-index, impact factor, and times cited if any). As for papers, proceedings, and patents, please show all the authors' names listed in the order as printed in the article.
  - (iii) Reprints of five representative papers.
  - (iv) A summary of the candidate's current/past research and a research vision statement (around 1000 words plus figures).
  - (v) Teaching Statement (around 1000 words plus figures).
  - (vi) The candidate who belongs to a university must include a track record of securing research funding.

Please include the name of the funding, the title of the project, the information whether you are the principal investigator or co-investigator, your affiliation, and the amount of the funding. The candidate who belongs to an industry must include the details of the research projects involved.
  - (vii) The names, affiliations, and contact details of two references.
14. Application Deadline: Received by January 7th, 2022.
15. Application submission: Electronic submissions will be accepted. Please put the set of documents to be submitted (i.e. of 13(i)-(vii)) in a folder and compress it with a password (preferably in ZIP file) and send by e-mail to the contact e-mail address presented in 16. Please make the subject of the email "Application for Associate Professor in Department of Electronics". If the file size of the compressed file exceeds 5MB, please email the URL of a location where the complete set of documents could be downloaded safely. Also, please email us the password for decompressing the compressed file separately. After receiving the application, the applicant will be notified with a confirmation of receipt. If you do not receive a confirmation of receipt within 24 hours (excluding weekends and holidays), please contact the following reference. The applications received after the deadline will not be considered for further screening.
16. Enquiries and contact:

Haruichi Kanaya (tel: +81-92-802-3746, e-mail: [kanaya@ed.kyushu-u.ac.jp](mailto:kanaya@ed.kyushu-u.ac.jp))  
Professor, Department of Electronics, Faculty of Information Science and Electrical Engineering,  
Kyushu University
17. Interview: Selected applicants will be asked to have an on-campus or online interview. The University does not cover travel expense for the interview.
18. Note:
  - (i) In line with the Basic Act for a Gender-Equal Society (Act No. 78 of 1999), Kyushu University is an equal opportunity employer: <http://danjyo.kyushu-u.ac.jp>.
  - (ii) Kyushu University is an equal opportunity employer and follows the principle of Basic

Act for Persons with Disabilities (Act No. 84 of 1970), Act on Employment Promotion etc. of Persons with Disabilities (Act No. 123 of 1960, revised in 2013) and Act on the Elimination of Discrimination against Persons with Disabilities (Act No. 65 of 2013).

- (iii) The system of employment of faculty members with accompanying spouse has been implemented at Kyushu University from July 2017.
- (iv) Kyushu University prohibits the smoking in the site to avoid exposure of environmental tobacco smoke.
- (v) Personal information included in the submitted documents will not be used for purposes other than screening.