Announcement of Faculty Position
Faculty of Electrical, Information and Communication Engineering
Institute of Science and Engineering, Kanazawa University

1. Position:  
   Associate Professor

2. Affiliation:  
   Faculty of Electrical, Information and Communication Engineering, Institute of Science and Engineering, Kanazawa University  

3. Field of specification:  
   Advanced research area related to signal processing and information processing technology in order to acquire maximum meaningful information with limited resources and/or to extract important knowledge from sparse data (sparse modeling, compressed sensing, inverse problem analysis, radio wave application/radio wave measurement, noise reduction, digital signal processing etc.) The candidate will be required to belong to the research group "Advanced research on space science and engineering using scientific satellite" and contribute to the development of technology that enables measurement of the solar-terrestrial environment or global monitoring from space using scientific satellites. The candidate will be also in charge of education and supervision for students who major in space science and engineering as a concurrent faculty member of the Advanced Research Center for Space Science and Technology (ARC-SAT).

4. School and Division (Teaching responsibility):  
   1) Liberal Arts and Science  
   2) Information and Communication Engineering Course, School of Electrical, Information and Communication Engineering, College of Science and Engineering  
   3) Division of Electrical Engineering and Computer Science, Graduate School of Natural Science and Technology  
   4) Space Science and Technology Course, Graduate School of Natural Science and Technology

5. Subject responsible for:  
   Lecture and experiment on subjects associated with computer and programming (machine learning, numerical calculation and computer simulation), signal processing, radio wave engineering and satellite communication engineering both for undergraduate course and graduate course

6. Employment status:  
   A full-time associate professor, No specified limit on term

7. Compensation:  
   Annual salary system is applied.

8. Qualification requirements:  
   1) The candidate should be a researcher with a doctoral degree.  
   2) The candidate should have enthusiasm for education and research and can actively work for the collaboration between industry and university.  
   3) The candidate should have outstanding research achievements in measurement engineering, communication & network engineering, statistical science, or applications of these disciplines to space science.  
   4) The candidate should have sufficient communication skills in English and Japanese.

9. Start of employment:  
   An appointee is expected on duty on September 1, 2021 or any early possible date afterwards

10. Documents for applications (A4 size paper)  
   1) Curriculum vitae (including Photograph, Family and given names, Age, Postal number, Home address, Telephone number, Email address, Educational background starting from high school and afterward, Degree, Job carrier, Conferences and social activities, Rewards and punishments), Corresponding part in the format)  
      I. Curriculum Vitae  
      (For the educational background, start from high school unlike the specification of the format. Telephone number should be written below e-mail address.)  
   2) List of publications (Journal papers, International conference papers, Published work and compilation work, Report, commentary and general remarks, Patents, etc.) (Journal papers and international conference papers (reviewed) should be respectively listed in chronological order.) (Candidate’s name, co-author’s name, journal title, volume, number, first and last pages (paper number) and published year should be provided. Candidate’s name should be underlined. Each paper published in journal listed in SCI-expanded should be marked by an * (asterisk) and the journal’s impact factor should be given.), Corresponding part in the format)  
      II. Research Performance  
      I. Research Papers – 6. Patents, etc., III. Research Activity, Educational Activity, and Conference and Social Activities  
      1. Research Activities  
      (1) Number of
research achievements
3) List of activities in academic society,
   Corresponding part in the format) III. Research Activity, Educational Activity, and Conference and Social Activities 3. Academic Societies and Social Activities (Since Year (within past 5 years))
4) List of research grants acquired,
   Corresponding part in the format) IV. Grants
5) Aspirations for education and research
   Corresponding part in the format) V. Aspirations for Education and Research (within one A4-size page)
   (In the English format, the number of characters is not limited to 1,000 unlike the specification of the format.)
6) Details of research and educational experiences (within one A4-size page) (In case of writing in English, the number of characters is not limited to 1,500 characters.),
7) Hard copies of the 3 to 5 most important papers,
8) Two referees (Name, affiliation, E-mail address and phone number)
★ For the item 1) - 5) described above, please use the MS word format located at https://www.se.kanazawa-u.ac.jp/en/researchers/ku_curriculum_vitae.doc
   Use separate sheets for other item 6) - 8) with free format.
★ Submit all the above documents in Word or PDF files on CD-ROM or USB memory stick, together with the hardcopies

11. Deadline for application:
   April 16, 2021 (no later than this due date)

12. Selection process:
   After reviewing the submitted documents, shortlisted candidates will be requested to give presentation and take interview. In that case, travel expenses will not be covered.

13. Postal address:
   Documents should be sent by registered mail/courier marked with “Application to Faculty Position on Communication & Information Engineering” on the envelope to
   Prof. Masahiro MAMBO, Chair of the Faculty of Electrical, Information and Communication Engineering,
   Institute of Science and Engineering,
   Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:
   Prof. Masahiro MAMBO
   E-mail: mambo@ec.t.kanazawa-u.ac.jp

15. Additional information:
   1) All of the documents should be sent to the postal address provided above. The submitted documents will not be returned.
   2) The website below gives information about employment regulation.
   3) Kanazawa University also promotes the courses delivered in English under the internationalization policy.
      http://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html
   4) Kanazawa University supports applicants from female scholars and promotes the co-activities of male and female scholars.
      http://cdl.w3.kanazawa-u.ac.jp/en/