Announcement of Faculty Position for Female

Institute for Frontier Science Initiative, Kanazawa University

1. Position:
Tenure Track (TT) Assistant Professor (Female)

2. Affiliation:
Carbon Recycling and Energy Processes Research Unit, Future Society Creation Research Core,
Institute for Frontier Science Initiative, Kanazawa University
https://infiniti.adm.kanazawa-u.ac.jp/en/

3. Field of specification:
Among the six research units that organize the Future Society Creation Research Core, the Carbon Recycling and Energy Processes Research Unit challenges contributing an early achievement of “Carbon Neutrality” thorough the development of a low-temperature driven Temperature Swing Adsorption TSA process for carbon capture from air and flue gases. The recruited assistant professor is expected to play a central role in promoting interdisciplinary research on carbon recycling and/or effective use of energy in the above research unit as a young principal researcher, and to participate actively in joint research with companies and student training.

4. Education:
1) School of Mechanical Engineering, College of Science and Engineering, Kanazawa University
2) Division of Transdisciplinary Sciences, Graduate School of Frontier Science Initiative, Kanazawa University (TT Assistant Professor is responsible to Master's Level Section only.)
3) Division of Mechanical Science, Graduate School of Natural Science and Technology, Kanazawa University (TT Assistant Professor is responsible to Master's Level Section only.)

5. Subject responsible for:
1) Undergraduate course: Subjects related to the above research field.
2) Graduate course: Subjects related to the above research field.

6. Employment status:
TT Assistant Professor: Full time, non-tenured (In principle 5 years).
* Outline for the standard in making decision on the approval of academic tenure.
1) Research achievement in the concerned field is outstanding in both domestic and international research communities.
2) Appropriately planned research including plans of the research unit are sufficiently achieved.
3) Sufficient competitive research funding is obtained.
4) Educational achievement for students (research guidance and lecture) is outstanding.
* The expected annual financial research support is about ¥1,000,000 during the first five years.

7. Compensation:
Annual salary system is applied.

8. Qualification requirements:
1) The candidate should be a female researcher with a doctoral degree.
2) The candidate should have enthusiasm for education and research.
3) The candidate should take a progressive approach to collaboration with industries and universities.
4) The candidate should have excellent communication skills in both English and Japanese.
*Under Article 8 of the Equal Employment Opportunity Law (Special Provisions of Measures Pertaining to Women Workers), in order to actively improve our considerably low percentage of women researchers, applicants are limited to female researchers.
9. Deadline for receipt:
   April 5th, 2022. (due NLT)

10. Documents for applications
   1) Curriculum vitae with a recent photograph of the face, describing present address, phone number, e-mail address, academic career (including the title of doctoral dissertation), research career, professional career and others.
   2) List of research activities, including original scientific papers, book chapters, other publications, presentations in scientific meetings, awards and others. Note; names of the co-authors in individual papers should be indicated in appearance order.
   3) Offprints or hard copies of five major papers
   4) Details of research experiences (two A4-size pages)
   5) Aspirations for education and research
   6) List of research support (duration, name of grant, title of education/research, and amount of money should be included.)
   7) Name and contact information of one reference person

★For the above (1), (2), (5), (6), please use the MS word format of curriculum vitae located at
https://www.se.kanazawa-u.ac.jp/en/researchers/infiniti_ku_curriculum_vitae.doc

11. Starting date:
   August 1st, 2022 or any early possible date afterwards.

12. Selection process:
   After reviewing the submitted documents, shortlisted candidates will be requested to come to Kanazawa University for presentation and interview. In that case, travel expenses (including overseas travel from a foreign country to Japan) will not be covered.

13. Postal address:
   Prof. Yukio TADA, Chief of Faculty of Mechanical Engineering,
   Institute of Science and Engineering,
   Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

14. Contact person:
   Prof. Akio KODAMA, Leader, Carbon Recycling and Energy Processes Research Unit,
   Future Society Creation Research Core, Institute for Frontier Science Initiative, Kanazawa University
   Tel: +81 76 264 6472, E-mail: akodama@se.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 supports applicants from female scholars and promotes the co-activities of male and female scholars.
      http://cdl.w3.kanazawa-u.ac.jp/index.html (in Japanese)
   4) Kanazawa University also promotes the courses delivered in English under the internationalization policy.
      http://sgu.adm.kanazawa-u.ac.jp/en/kusgu/project.html