

Recruitment of Assistant Professor at Institute for Materials Chemistry and Engineering, Kyushu University

The Institute for Materials Chemistry and Engineering, Kyushu University (IMCE) invites applications for an Assistant Professor by the following procedure. We would appreciate your understanding regarding the notification of this information to the faculty members in your university or institute and your recommendation of suitable candidates.

1. Job Title

Assistant Professor (one person).

2. Affiliation

Division of Integrated Materials, Institute for Materials Chemistry and Engineering (IMCE), Kyushu University (Professor Mitsuhiro Murayama, Ph.D. (PI) and Associate Professor Hikaru Saito, Ph.D. (PI))
Additional information of the IMCE and this recruitment may be found at <http://www.cm.kyushu-u.ac.jp/>

3. Research Field

The Institute for Materials Chemistry and Engineering, Kyushu University is seeking qualified candidates for an Assistant Professor for its division of integrated materials. Candidates with a background in material science and engineering, nanostructure science, surface science, soft materials science, or another related research field are particularly encouraged to apply. Every candidate must possess a Ph. D. or equivalent, and a clear potential for future external funding. One of the major missions in this division is to develop novel methods for materials characterization for understanding the hierarchical microstructures and physical properties of materials over a range of nano to bulk scale, which leads to innovational functional materials, integrated materials or devices. A most desired candidate will have research that focused on advanced material characterization, and will actively contribute to the development and deployment of novel mathematical algorithms for information extraction or to the enhancement of the current measurement technologies by applying advanced data science including mathematical statistics and machine learning (data analytics). The candidate is highly recommended to collaborate with researchers of IMCE as well as those of other institutions.

4. Education Field

The successful candidate will be responsible for education in Interdisciplinary Graduate School of Engineering Sciences, Kyushu University. The candidate will have demonstrated the potential to excel in

graduate (both masters and doctoral levels) teaching and mentorship by assisting Prof. Saito for both Japanese and non-Japanese students. (See <http://www.tj.kyushu-u.ac.jp/en/index.php>)

5. Qualifications

Ph.D. degree in relevant disciplines.

6. Term of Office

Assistant Professor will be employed for fixed period under the “Act on Term of Office of the University Teachers, etc.” (Term of Office: five (5) years. Re-employment may be possible if the employee requires re-employment after four (4) years from the date of its employment, the eligibility review is required.)

* Conversion to open-ended employment contract shall be according to “Labor Contracts Act” and “Act on Enhancement of Research and Development Capacity and the Efficient Promotion, etc. of Research and Development, etc. by Promotion of Research and Development System Reform”.

7. Commencement of Employment

Anticipated start date would be the earliest possible after April 1, 2021.

8. Required Applicant Documents

The following documents should be submitted by email. All documents must be saved in the PDF format.

- (1) Curriculum Vitae (including photo and contact E-mail address).
- (2) List of contributions: Publications should be divided into the following categories and listed in reverse chronological order, respectively.
 - a. journal papers (specify refereed or non-refereed);
 - b. review papers, books, bulletins;
 - c. proceedings;
 - d. patents (applied or registered should be specified); and
 - e. others.

All authors (with the same order as these appeared in the publication) should be shown for each publication, and the candidate should be underlined. The selected papers (no more than five) should be indicated by “○”.

- (3) Reprints of up to five selected publications.
- (4) Statement of research experience (one A4 page) and future plan of your research and education at Kyushu University (one A4 page).
- (5) Sponsored research and other grant awards (Grants-in-Aid for Scientific Research, research grants, research scholarships, etc.).
- (6) Other accomplishments and synergetic activities (prizes and awards, invited lectures and others which the candidate wishes to appeal), if any exists.
- (7) Name and contact information (mailing address, official title, phone number and E-mail addresses) of two referees.

9. Application Deadline

December 28, 2020 (Japan time)

10. Application Submission

Institute for Materials Chemistry and Engineering (IMCE), Kyushu University

Prof. Dr. Jun-ichiro Hayashi: Director

E-mail: junichiro_hayashi@cm.kyushu-u.ac.jp

Please note "Application for Assistant Professor" in the subject line of E-mail.

11. Contact

Institute for Materials Chemistry and Engineering (IMCE), Kyushu University

Prof. Dr. Jun-ichiro Hayashi: Director

E-mail: junichiro_hayashi@cm.kyushu-u.ac.jp

Tel: +81-92-583-7796

12. Additional Information

- (1) Part of research and education will be carried out in close collaboration with Prof. Dr. Johnny Ho, Prof. Dr. Takeshi Yanagida, Prof. Dr. Mitsuhiro Murayama, Prof. Dr. Hikaru Saito and Prof. Dr. Satoshi Hata, as the IMCE-IGSES International Co-laboratory.

- (2) An oral interview may be held in the final selection.
- (3) Application documents will not be returned.
- (4) Kyushu University carries out the selection of its teachers based on the “Basic Act for Gender Equal Society” (Act No.78 of 1999), “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). Please refer to <http://danjyo.kyushu-u.ac.jp/> for the activity of the Kyushu University Gender Equality Promotion Office.