

Recruitment Information: A Designated Associate Professor or A Designated Assistant Professor, Nagoya University, Japan

1. Affiliation

Dept. of Materials Design Innovation Engineering,
Graduate School of Engineering

2. Number of Positions

One designated associate professor or one designated assistant professor

3. Expected Starting Date

Earliest possible date after April 1st, 2020

4. Research Themes

Project research under the MEXT Grant-In-Aid "Scientific Research on Innovative Areas", FY2019-23 "Science on Interfacial Ion Dynamics for Solid State Ionics Devices". Researches on the fabrication of thin-film ceramics electrode and solid electrolytes using PVD and the interface modification. Both interfacial ion transfer and interfacial ion storage properties of the prepared samples are investigated fundamentally using electrochemical methods. In the above project, the applicant belongs to A01: Model Interface team, and collaborate with other teams (A02: Advanced Measurements, A03: Theory & Data Science, A04: Nano Materials Interface) in order to elucidate the mechanism of interface ionics.

5. Qualifications

- A person with a Ph. D degree or a person who expects to hold a Ph. D degree by the time of arrival
- A person who has extensive experience in any of the following area;
Thin-film Technology (PLD, ALD, etc), Electrochemistry, Ceramics Materials

6. Recruitment fields

Thin-film Technology (PLD, ALD, etc), Electrochemistry, Ceramics Materials

7. Period of Employment

1 year until March 31, 2021 and employment renewal every year

Possibility of extension based on research progress and evaluation (Up to March 31, 2024)

8. Working Condition

Working hours : Discretionary labor system

Holiday : Saturdays, Sundays, national holidays,
New Year's holidays (December 29th-January 3rd)

Vacation : Annual paid vacation (6 months after employment)
Summer vacation (university designated data)

Subscription Insurance: health insurance, welfare pension, employment insurance, worker's compensation insurance

9. Salary

Salary will depend on quantifications and experience, based on Nagoya University's Rules for Employees to whom the Annual Salary System applies.

10. Selection method

After screening for documents, we conduct interviews and decide on the acceptance

11. Application Documents

Application Documents: Send a USB memory stick with a set of the following items as a pdf file by mail or e-mail to the address below.

- (1) Curriculum vitae with face photograph and e-mail address
- (2) List of publications (Original refereed articles, International conference proceedings, Reviews, Books, Patents, Awards, Invited lectures, etc)
- (3) Reprints of three representative publications
- (4) Summary of research achievements (about two pages) with one graphical abstract
- (5) Research plan and essay on applicant's policy on education (about one page) with one graphical abstract
- (6) Name, affiliation, and e-mail address of two contact references

12. Deadline

September 30th, 2019 (Deadline for receipt)

As soon as the candidate is confirmed, the application is closed.

13. Enquiry about the position

Prof. Yasutoshi Iriyama

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14. Others

- Personal information submitted in connection with this public offering shall be used only for the purpose of selection and, after completion of selection, all personal information will be discarded responsibly, except for the information of those who have passed the selection.
- Nagoya University commits to gender equality.
- Both application form and USB memory stick will not be returned to you.