

**Announcement for the Position of Assistant Professorship**  
Department of Chemistry & Materials Science, Tokyo Institute of Technology, Japan

The Department of Chemistry & Materials Science, Graduate School of Science and Engineering, Tokyo Institute of Technology, invites applications for a position with the following requirements and conditions.

1. **Position:** Assistant Professor (one person) in Department of Chemistry & Materials Science, Graduate School of Science and Engineering, Tokyo Institute of Technology.
2. **Research Fields:** Solid State Ionics and related fields, and/or Materials Science and Engineering, Inorganic Chemistry, Physical Chemistry, Solid State Chemistry, Solid State Physics, and/or Crystallography and their related fields. For example, Electrochemistry, New Material Exploration, Structure Analysis, and Sample Preparation of Ion Conductors including Ion-Electronic Mixed Conductors. Measurements of Ion and Electronic Conductivities and Transport Numbers. Characterization of Solid Oxide Fuel Cells.
3. **Job Details:** The accepted applicant will be a main member of the research project of Prof. Yashima, "Exploration of New Structure Families through Bond Valence-Based Energy". He or she will promote excellent research works on this project and educate the students studying the themes and related ones of this project in Prof. Yashima's group in Japanese and/or English. In particular, the assistant professor is required to measure the ion and electronic conductivities and transport numbers of inorganic materials. He or she can measure the synchrotron X-ray and neutron data at various facilities in Japan and in other countries, although previous experience of synchrotron X-ray and neutron is not required.
4. **Qualification Requirements:** Applicants must have Doctoral degree or Ph.D. before employing.
5. **Starting Date of Employment:** Soon after the decision is made. November 1, 2015 or later.
6. **Period of Employment:** Until March 31, 2017, and can be extended until March 31, 2019.
7. **Salary:** An annual salary will be paid according to the National University Corporation Tokyo Institute of Technology Regulations on Wage and Salary for Staff on the Annual Salary System.
8. **Application Period:** August 24, 2015 is the deadline of receipt.
9. **Documents Required for the Application:**
  - (1) Curriculum vitae with applicant's photograph, e-mail and postal addresses, phone number, including educational records since high school graduation (name of supervisor(s) in your research group(s)), and professional career records (name of boss(s) in your research group(s)).
  - (2) A publication list with times cited in "Web of Knowledge" and marks of the three significant peer-reviewed articles. Classify into (a) Peer-reviewed original research papers, (b) Review papers (Denote whether peer-reviewed or not), (c) Other papers (Proceedings, bulletin, memoirs, etc. Denote whether peer-reviewed or not.) and (d) Doctor (Ph. D.) thesis.
  - (3) Reprints or copies of the three significant peer-reviewed original papers.
  - (4) A list of (a) Presentation of domestic conference/meeting/workshop (Denote whether oral or poster. Show if invited) and (b) Presentation of international conference/meeting/workshop (Denote whether oral or poster. Show if invited).
  - (5) A list of awards/prizes/honors, activity in academic societies and other relevant information.
  - (6) A list of acquired research grants, scholarship, and other relevant information.
  - (7) Brief statement of achievements of the applicant's research including the sales points on your experimental and analysis techniques (two A4 size pages).
  - (8) Brief statement of future plan of the applicant's research (one or two A4 size pages)
  - (9) Brief statement of teaching experiences and future plan (one A4 size page).
  - (10) Contact addresses of two reference persons (name, position, affiliation, phone number and e-mail address).

\* Printed documents and a USB memory, CD or DVD including electronic data (pdf files) of the above documents should be submitted by registered postal mail or courier service. On the envelope, describe "Application of Assistant Professorship of the Department of Chemistry and Materials Science" in red ink.
10. **To whom the application should be submitted:** Office of Department of Chemistry and Materials Science, Tokyo Institute of Technology, 2-12-1-H-74, O-okayama, Meguro-ku, Tokyo, 152-8551, Japan, Phone: +81-3-5734-3110
11. **Inquiries:** Prof. Masatomo Yashima, Department of Chemistry and Materials Science, Tokyo Institute of Technology, E-mail: yashima<at>cms.titech.ac.jp Replace <at> by @ TEL: +81-3-5734-2225, HP of Job Opportunities: <http://www.cms.titech.ac.jp/cms-e/JobOpportunity-e.html> HP of Prof. Yashima's group: <http://www.cms.titech.ac.jp/~yashima/index.php?lang=e>
12. **Notes:** 1) The submitted documents are not returned. 2) Tokyo Institute of Technology values diversity and guarantees equal opportunities for women and foreign nationals. 3) In the selection process, a lecture/interview for a few applicants might be required.