

Job Posting
(for Specially Appointed Assistant Professor)

Affiliation	School of Science
Position title	Specially Appointed Assistant Professor
Number of Openings	1
Area of Specialization	Materials Science and Engineering, Solid State Ionics, 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 Ceramic Ion Conductors including Ion-Electronic Mixed Conductors. Measurements of Ion and Electronic Conductivities and Transport Numbers. Characterization of Solid Oxide Fuel Cells. Crystal Structure Analysis with Single-Crystal and Powder Neutron and Synchrotron X-ray Diffraction and Local Structure Analysis (XAFS, PDF etc.). Preparation and characterization of luminescent materials and catalysts. Oxides, mixed-anion compounds and so on.
Job Description	The successful candidate will be required to carry out the excellent research on the project of Prof. Yashima, "Exploration, Synthesis, Crystal Structure and Properties of New-Type Ionic Conductors". The successful candidate will be required to engage in research, teaching and supervision of students and assisting lecture. The successful candidate will be required to measure the ion and electronic conductivities and transport numbers of inorganic materials. The successful candidate will be required to measure and analyze the synchrotron X-ray and neutron data at various facilities in Japan and in other countries (and to apply the neutron/synchrotron user proposals), although previous experience of synchrotron X-ray and neutron is not required.
Qualifications	Applicants must hold a PhD, be near to completion of a PhD, or have equivalent experience in a relevant subject and have appropriate laboratory research experience.
Location	Ookayama Campus Nearest station: Ookayama
Working Hours	De facto working hours* under the discretionary labor system: 7 hours 45 minutes per day (38 hours 45 minutes per week) *Hours considered as working hours
Term	The contract will end on March 31, 2022. The contract may be extended until March 31, 2023. However, it may not be extended beyond March 31, 2023 and further extension is dependent on other projects. The employment period is

	subject to Article 7 of the Institute's Employment Regulations for Fixed-Term Staff and Paragraph 7 of its Supplementary Provision.
Probationary Period	2 months (The probationary period is subject to Article 12 of the Institute's Employment Regulations for Fixed-Term Staff.)
Salary	Annual salary (annual base salary) The applicant's salary will be determined in accordance with the Institute's Employment Regulations for Fixed-Term Staff [about 415,000 JPY per month (annually about 4,980,000 JPY)]. The amounts are dependent on the employee's career.
Social insurance and other benefits	Employee's pension, Mutual Aid Association short term benefits (health insurance), employment insurance, worker's compensation Insurance
Employer	President of National University Corporation Tokyo Institute of Technology
Proposed Start Date	April 1, 2021, or earliest possible date thereafter
Closing Date for Application	Applications must be received by 23:59 (JST) December 22, 2020.
Selection Process	Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an (on campus or on line) interview or give an (on campus or on line) presentation and/or recommendation letter from a reference person. Please note that travel expenses for attending interviews will not be reimbursed.
Required Documents	<p>(1) Curriculum vitae including professional and educational history (from high school onward; name(s) of supervisor(s)). Applicant's photograph, e-mail and postal addresses, phone number, and professional career records (including university/company name, department, position, period, name of the leader(s) in your research group(s)).</p> <p>(2) A publication list. Classify into (a) Peer-reviewed original research papers, (b) Review papers (Denote whether peer-reviewed or not), (c) Other papers (Proceedings, bulletin, memoirs, patent etc. Denote whether peer-reviewed or not.) and (d) Doctor (Ph. D.) thesis. For each publication of (a) and (b), describe impact factor and citations including and excluding self-citations by all the authors in "Web of Knowledge" and marks of the three selected peer-reviewed papers. Total Citations and h-index including and excluding self-citations by all the authors in "Web of Knowledge".</p> <p>(3) A list of (a) Presentation of domestic conference/meeting/workshop (Denote whether oral or poster. Show if invited/keynote) and (b) Presentation of international conference/meeting/workshop (Denote whether oral or poster. Show if invited/keynote/plenary).</p> <p>(4) A list of awards/prizes/honors (Name of the awards/prizes/honors, Awarding</p>

	<p>agency, Title, Date, Name(s) of representative and co-winners). A list of activity in academic societies and other societies. Include the year (term) and positions in the societies. (ex. Organizer, Committee member, Editor, Manager)</p> <p>(5) A list of acquired research grants, scholarship, projects as neutron and synchrotron experiments and other relevant information. Include names of the funds, project titles, periods of research, amounts, and allocated amounts (if not the principal researcher). Describe whether the applicant is the principal researcher or co-researcher?</p> <p>(6) Statements of accomplishments of the applicant's research including the applicant's skills of experiments, analysis and calculations (free form, two or three A4 pages).</p> <p>(7) Statements of future direction and plan of the applicant's research (free form, one or two A4 pages).</p> <p>(8) Statements of teaching experiences and future plan (free form, one A4 page).</p> <p>(9) Contact addresses of two reference persons (name, position, affiliation, phone number and e-mail address).</p> <p>(10) PDF files of the three selected peer-reviewed original papers.</p> <p>(11) Applicant's information file. Use the following excel file by the format as it is. http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/file/Obo_E.xlsx</p>
<p>How to Submit an Application</p>	<p>The application documents should be sent as e-mail attachments to: koubo@chem.titech.ac.jp (To: Prof. Masatomo Yashima, Department of Chemistry, Tokyo Institute of Technology), with the subject "Application for Specially Appointed Assistant Professor of Yashima Group". The documents (1) to (9) above should be merged in one PDF file, and attached together with PDF files of papers (10), and excel file (11).</p> <p>Confirmation e-mail will be sent within 2 working days after receiving the application. If you do not receive within 3 working days, please notify.</p>
<p>Contacts</p>	<p>[NAME] Masatomo Yashima [POSITION] Professor [AFFILIATION] Department of Chemistry, School of Science, Tokyo Institute of Technology Email: koubo@chem.titech.ac.jp Tel.: +81-3-[3-5734-2225] HP of Prof. Yashima's group: http://www.chemistry.titech.ac.jp/~yashima/e</p>

Other	<ol style="list-style-type: none">1. Application documents will not be returned. The personal information provided in the submitted documents will be used solely for recruitment and not for any other purpose, pursuant to the Institute's applicable rules and regulations.2. The Institute welcomes applications from female researchers and strives to create supportive working environments as part of our commitment to "positive action."3. Smoking is prohibited on campus except in designated areas.4. For more information, please refer to the following link. http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en
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