

Job Posting
(for Specially Appointed Assistant Professor)

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| Affiliation | School of Science |
| Position title | Specially Appointed Assistant Professor |
| Number of Openings | 1 or 2 |
| 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 and Electrocatalysis 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, "Creation of High Ion Conductors within the Norby Gap". 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 diffraction 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 PhD, be near to completion of 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 |

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| Term | The contract will expire on March 31, 2027. The contract can be extended through March 31, 2029 after the review. However, it cannot be extended beyond March 31, 2029. The employment period is subject to Article 7 of the Institute's Employment Regulations for Fixed-Term Staff. |
| Probationary Period | 14 days (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. |
| Social insurance and other benefits | Employees' pension, MEXT Mutual Aid Association short term benefits (health insurance), employment insurance, worker's compensation insurance |
| Employer | President and Chief Executive Officer of National University Corporation Institute of Science Tokyo |
| Proposed Start Date | April 1 st , 2025 or the earliest possible date thereafter |
| Closing Date for Application | Applications must be received by February 2 nd , 2025 (JST). |
| Selection Process | Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an on-campus interview and/or give a presentation. 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) in university(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)). Use the word file "rrekisyo_e.docx", which is downloaded at the JREC-IN web page.</p> <p>(2) Accomplishment statement. Classify into (a) Peer-reviewed original research papers, (b) Review papers, tutorial papers, commentaries and books (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 "Google Scholar", 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" and "Google Scholar".</p> <p>(3) A list of (a) Presentation of domestic conference/meeting/workshop (Denote whether oral or poster. Show if invited/keynote/plenary) and (b) Presentation</p> |

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| | <p>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 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 in this Specially Appointed Assistant Professor position (free form, one or two A4 pages). Please propose a high-impact theme that combines both the applicant's originality and the characteristics of the Yashima Lab. It is better if you include specific details of the research partner (name and affiliation of the researcher) and the contents of the research to be conducted for a few weeks to a few months in a foreign country in your plan.</p> <p>(8) Statements of teaching experiences and future plan in this Specially Appointed Assistant Professor position (free form, one or two A4 pages).</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 excel file "Obo.xlsx" by the format as it is, which is downloaded at the JREC-IN web page.</p> <p>Without all these files of (1)-(11), we will not receive the application.</p> |
| <p>How to Submit an Application</p> | <p>Submit your application via the JREC-IN Portal Web Application system (If you have not registered for the system yet, you need to register before applying).</p> <p>[Note] Please bundle all the PDF files in the above items 1-10 and the applicant information Excel file in item 11 into one zip file, and upload it to the JREC-IN Portal via the Web Application link in the Online Submission section on the following opening position page.</p> <p>https://jrecin.jst.go.jp/seek/SeekTop?ln=1</p> |

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| Contacts | <p>NAME] Masatomo Yashima [POSITION] Professor [AFFILIATION] Department of Chemistry, School of Science, Institute of Science Tokyo Email: yashima.m.5864<at>m.isct.ac.jp Change “[at]” to “@”. Tel.: +81-3-5734-2225 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, in order to ensure a diverse workforce, guarantees equal opportunities for all individuals regardless of nationality or gender.3. Smoking is prohibited on campus except in designated areas.4. Questions regarding the applicability of the “Specific Categories” under the Foreign Exchange and Foreign Trade Act may be asked during the selection process.5. For more information, please refer to the following link. https://www.iinji2.iim.titech.ac.jp/koubo/en/ |