

## Job Posting (for Assistant Professor)

Affiliation*	Laboratory for Future Interdisciplinary of Science and Technology (FIRST), Institute of Innovative Research (IIR)
Position title*	Assistant Professor
Number of Openings*	1
Area of Specialization	Surface modification using functional thin films and nanomaterials Applications in nanobiotechnology and tribology technologies for achieving carbon neutrality
Job Description*	<ul style="list-style-type: none"> <li>● To create devices for medical applications and promote the industrial application of environmentally harmonious tribology technologies through the science of surfaces and interfaces, focusing on thin films and nanomaterials within the field of materials science and processing.</li> <li>● To lead the device and materials fields at the Institute of Innovative Research and the Laboratory for Future Interdisciplinary Research of Science and Technology through research in the above-mentioned areas, while also managing various tasks related to the operation of the Institute, laboratory, and affiliated research groups.</li> <li>● To educate and supervise students in the Mechanical Engineering program within the School of Engineering, and to be responsible for related lectures, exercises, and experiments, as well as for administrative duties within the department and program.</li> </ul>
Qualifications*	<ul style="list-style-type: none"> <li>● 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.</li> <li>● Applicants should have a motivation to actively promote collaborative research with industry, in addition to conducting fundamental research.</li> <li>● Proficiency in conducting research and supervising students in English is required</li> </ul>
Location*	Suzukakedai Campus Nearest station: Suzukakedai
Working Hours*	De facto working hours* under the discretionary labor system for professional work: 7 hours 45 minutes per day (38 hours 45 minutes per week) *Hours considered as working hours
Term*	Fixed-term appointment

	A fixed-term appointment will be for up to 5 years. Reappointment may be possible for one additional term of up to 5 years.
Probationary Period	6 months
Salary*	<p>The successful candidate will be paid under the “Annual Salary System with Lump-Sum Retirement Allowance” pursuant to the Institute’s Regulations on Wage and Salary for Staff under Annual Salary System with Lump-Sum Retirement Allowance. In accordance with the regulations, the amount of annual salary will be determined based on the standard level for the first fiscal year of employment, and will be based on performance evaluations in subsequent years. A retirement allowance will be paid separately at the time of retirement.</p> <ul style="list-style-type: none"> <li>● Annual salary examples (The amounts listed below are only examples provided in the regulations and do not directly refer to this specific position.)</li> </ul> <p>Assistant professor hired immediately after completing a doctoral degree  Standard: JPY 5,000,000  Minimum*: JPY 4,800,000  Maximum*: JPY 5,600,000  *The minimum and maximum amounts will vary depending on performance.</p>
Social insurance and other benefits*	Employees’ pension, Mutual Aid Association short-term benefits (health insurance), employment insurance, worker’s compensation Insurance.
Employer*	President of National University Corporation Institute of Science Tokyo
Proposed Start Date*	2025.1.1 or the earliest possible date thereafter
Closing Date for Application*	Applications must be received by 2024.11.10
Selection Process	<p>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.</p> <p>Please note that travel expenses for attending in-person interviews will not be reimbursed.</p>
Required Documents*	<ol style="list-style-type: none"> <li>1. Curriculum vitae* including professional and educational history from high school onward, honors and awards, criminal history and disciplinary actions, and email address  *Please use <a href="#">the CV format</a>.</li> <li>2. Accomplishment statement, including:  Refereed journal papers</li> </ol>

	<p>Refereed conference proceedings and non-refereed conference proceedings  Commentaries  Books  Patents, etc.</p> <p>Please include details for each category. For lectures, state if it was a keynote or invited lecture.</p> <p>For items a. and b., include the number of citations, h-index, and name of database* used.</p> <p>*Google Scholar Citations, Scopus, Web of Science, or Inspire</p> <ol style="list-style-type: none"> <li>3. Up to three reprints or copies of major publications (one copy for each publication)</li> <li>4. Acquired research grants and external funds. Include names of the funds, project titles, amounts, periods of research, role, and allocated amounts (if not the principal researcher)</li> <li>5. Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (no set format, [number of pages ページ数] A4 pages)</li> <li>6. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (no set format, [number of pages ページ数] A4 pages)</li> <li>7. Community engagement including that as a member of international and academic committees</li> <li>8. Two references with names, affiliations, and contact details</li> </ol>
<p>How to Submit an Application*</p>	<p>Please submit your application through the online submission function of the JREC-IN Portal. Applications submitted by mail or email will not be accepted</p>
<p>Contacts*</p>	<p>Yuki Hirata  Associate Professor  Laboratory for Future Interdisciplinary Research of Science and Technology (FIRST), Tokyo Institute of Technology  Email: hirata.y.ac@m.titech.ac.jp  Tel.: +81-45-924-5099</p>

Other*	<ol style="list-style-type: none"><li>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.</li><li>2. The Institute, in order to ensure a diverse workforce, guarantees equal opportunities for all individuals regardless of nationality or gender.</li><li>3. Smoking is prohibited on campus (excluding designated outdoor smoking areas).</li><li>4. Questions regarding the applicability of the "Specific Categories" under the Foreign Exchange and Foreign Trade Act may be asked during the selection process.</li><li>5. Due to the integration with Tokyo Medical and Dental University on October 1, 2024, work conditions may change at the new Institute (Institute of Science Tokyo).</li><li>6. For more information, please refer to the following link. <a href="https://www.jinji2.jim.titech.ac.jp/koubo/en/">https://www.jinji2.jim.titech.ac.jp/koubo/en/</a></li></ol>
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