

## Job Posting (for Assistant Professor)

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| Affiliation            | <b>Institute of Integrated Research (IIR)</b>  |
| Position title         | Assistant Professor  |
| Number of Openings     | One  |
| Area of Specialization | 1) AI algorithms such as deep learning and machine learning, 2) Computer architectures such as processor architecture, domain-specific architecture and in-memory computing, 3) Integrated circuit designs including reconfigurable hardware, energy efficient CMOS circuits, etc.   |
| Job Description        | <p>The one who takes the position will belong to AI computing research unit* and is expected to conduct software-hardware collaborative research, in close collaboration with professors Masato Motomura and Daichi Fujiki.</p> <p>* <a href="http://www.artic.iir.titech.ac.jp/wp/en/">http://www.artic.iir.titech.ac.jp/wp/en/</a></p> <p>The one who takes the position will be assigned to teaching and supervisory duties of the students belonging to the AI computing research unit, and will be responsible for lectures, exercises and experiments for undergraduate and graduate students related to information and communications.</p> |
| 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               | <p>Suzukakedai Campus</p> <p>Nearest station: Suzukakedai</p>  |
| Working Hours          | <p>De facto working hours* under the discretionary labor system for professional work:<br/>7 hours 45 minutes per day (38 hours 45 minutes per week)</p> <p>*Hours considered as working hours</p>   |
| Term                   | <p>Fixed-term appointment:</p> <p>A fixed-term appointment will be for up to 5 years. Reappointment may be possible for one additional term of up to 5 years.</p>  |
| Probationary Period    | 6 months   |
| Salary                 | The one who takes the position 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.  |

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|                                     | <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</p> <p>Standard: JPY 5,000,000</p> <p>Minimum*: JPY 4,800,000</p> <p>Maximum*: JPY 5,600,000</p> <p>*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                 | April 1 <sup>st</sup> , 2025 or the earliest possible date thereafter (The timing of obtaining a doctoral degree will be considered).   |
| Closing Date for Application        | Applications must be received by December 16 <sup>th</sup> , Monday, 2024   |
| Selection Process                   | <p>Selection will be based on a comprehensive review of applications and interviews. Selected applicants will be asked to have an on-campus or remote 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                  | <p>List of required documents</p> <ol style="list-style-type: none"> <li>Curriculum vitae* including professional and educational history from high school onward, honors and awards, criminal history and disciplinary actions, and email address</li> </ol> <p>*Please use <a href="#">the CV format</a>.</p> <ol style="list-style-type: none"> <li>Accomplishment statement, including: <ol style="list-style-type: none"> <li>Refereed journal papers</li> <li>Refereed conference proceedings and non-refereed conference proceedings</li> <li>Commentaries</li> <li>Books</li> <li>Patents, etc.</li> </ol> </li> </ol> <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>Up to three reprints or copies of major publications (one copy for each publication)</li> </ol> |

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|                              | <ol style="list-style-type: none"> <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 2 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] 1 A4 page)</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>  |
| How to Submit an Application | <p>Submit your application via the JREC-IN Portal Web Application system (If you are not registered for the system yet, you need to register before applying). Please bundle all the PDF files of the above items 1-8 into one zip file, and upload it to the JREC-IN Portal: <a href="https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D124100406&amp;ln=1&amp;JOR_ID_KEY=D124100406&amp;JOR_LN_KEY=2">https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D124100406&amp;ln=1&amp;JOR_ID_KEY=D124100406&amp;JOR_LN_KEY=2</a></p> <p>We do not accept submissions by email or other digital formats.</p>  |
| Contacts                     | <p>Masato Motomura<br/> Professor, Institute of Integrated Research<br/> E-mail: <a href="mailto:artic-sec@artic.iir.titech.ac.jp">artic-sec@artic.iir.titech.ac.jp</a></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. For more information, please refer to the following link.<br/> <a href="https://www.jinji2.jim.titech.ac.jp/koubo/en/">https://www.jinji2.jim.titech.ac.jp/koubo/en/</a></li> </ol> |