

## Job Posting (for Associate Professor)

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| Affiliation            | School of Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Position title         | Associate Professor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of Openings     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Area of Specialization | <p>Research field related to future autonomous work machine systems for Smart Agriculture and/or Smart Forestry, which plays an important role in the Super-Smart Society</p> <p>Keyword: Dynamics of Machinery, Robotics, Mechatronics, Sensing, Massive data processing, Internet of Things (IoT), Artificial Intelligent (AI), Automated Operation</p>                                                                                                                                                                                                |
| Job Description        | <p>The successful candidate will be required to engage in</p> <ol style="list-style-type: none"> <li>1. Carrying out research on the above area as a principal investigator,</li> <li>2. Teaching students who study in Department of Mechanical Engineering or Graduate Major in Mechanical Engineering in undergraduate/graduate level classes/exercises/experiments,</li> <li>3. Supervising the students in research</li> <li>4. Administrating organizations in Department of Mechanical Engineering and Tokyo Institute of Technology.</li> </ol>  |
| Qualifications         | <p>Applicants must hold a PhD or have equivalent experience in the relevant subject. Candidates must be highly motivated, willing to learn, and demonstrate initiative in assigned tasks.</p>                                                                                                                                                                                                                                                                                                                                                            |
| Location               | <p>Ookayama Campus<br/>Nearest station: Ookayama</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>Permanent Position</p> <p>The Institute has mandatory retirement, requiring employees to retire at age 65.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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> |

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|                                     | <p>Annual salary examples (The amounts listed below are only examples provided in the regulations and do not relate to this position directly.)</p> <p>&lt;Associate Professor who has 5 years of work experience after completing a doctoral degree&gt;</p> <p>Standard: JPY 7,500,000</p> <p>Minimum*: JPY 7,000,000</p> <p>Maximum*: JPY 8,600,000</p> <p>*The minimum and maximum amounts will vary depending on performance.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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 1st, 2022 or the earliest possible date thereafter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Closing Date for Application        | Applications must be received by January 31 <sup>st</sup> , 2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Selection Process                   | <p>Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an interview and/or give a presentation. Please note that travel expenses for attending 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), degrees, awards, email address, portrait photo.</li> <li>2. Accomplishment statement, including: <ol style="list-style-type: none"> <li>(1) Refereed journal papers</li> <li>(2) Refereed conference proceedings</li> <li>(3) Commentaries</li> <li>(4) Books</li> <li>(5) Patents</li> <li>(6) Keynote or Invited lectures, etc.</li> </ol> </li> <li>3. h-index and its source of database (Google Scholar Citations, Scopus, Web of Science, Publons). A copy of the screenshot displaying the h-index on the database is acceptable.</li> <li>4. Copy of three major publications</li> <li>5. Acquired research grants and external funds. Include names of the funds, project titles, amounts, periods of research, and allocated amounts (if not the principal researcher)</li> <li>6. Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (free form, two pages in A4/letter size)</li> <li>7. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (free form, one page in A4/letter size)</li> </ol> |

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|                                       | <p>8. Social activities as a member of international and academic committees</p> <p>9. References with names, affiliations, and contact details (total three researchers; 1 overseas researcher and 2 researchers in Japan, or 2 overseas researchers and 1 researcher in Japan)</p> <p>10. Two Excel files for the applicant information and list of achievement<br/>The formats are available at the URLs below.</p> <p>- Applicant information:<br/><a href="http://www.mech.e.titech.ac.jp/jp/koubo/applicant_data_e.xlsx">http://www.mech.e.titech.ac.jp/jp/koubo/applicant_data_e.xlsx</a></p> <p>- List of achievement (items from I. and II. of the 2.)<br/><a href="http://www.mech.e.titech.ac.jp/jp/koubo/accomplishment_statement_e.xlsx">http://www.mech.e.titech.ac.jp/jp/koubo/accomplishment_statement_e.xlsx</a></p> |
| <p>How to Submit your Application</p> | <p>The above required documents from (1) to (9) in order must be combined to a single PDF file. Please submit the pdf file and the two Excel files of (10) to <a href="mailto:smartAF_koubo2021@mech.e.titech.ac.jp">smartAF_koubo2021@mech.e.titech.ac.jp</a> via Email as an attachment ZIP file. The subject of the Email should be "Application-(Last Name).(Given Name)," where (Last Name) and (Given Name) are those of the applicant, respectively.</p> <p>Please contact us before submission if the size of the ZIP file exceeds 10MB.</p> <p>If the confirmation of receipt does not arrive within three business days after submission, please contact us.</p>                                                                                                                                                            |
| <p>Contacts</p>                       | <p>Hiroshi Yamaura, Professor, Department of Mechanical Engineering, School of Engineering</p> <p>Email: <a href="mailto:smartAF_koubo2021@mech.e.titech.ac.jp">smartAF_koubo2021@mech.e.titech.ac.jp</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>Other</p>                          | <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 welcomes applications from female researchers and strives to create supportive working environments as part of our commitment to "positive action."</li> <li>3. Smoking is prohibited on campus (excluding designated outdoor smoking areas).</li> <li>4. For more information, please refer to the following link.<br/><a href="http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en">http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en</a></li> </ol>                      |