

Job Posting (for Assistant Professor)

Affiliation	Institute of Innovative Research, Laboratory for Future Interdisciplinary Research of Science and Technology
Position title	Assistant Professor
Number of Openings	1
Area of Specialization	[Applied AI] Big Data Analysis, Modeling, Econophysics, Sociophysics, Machine Learning, Statistical Physics, Complex Network, and Large-Scale Simulation
Job Description	<p>The successful candidate will be required to carry out researches on analysis of various big data using cutting-edge technology, in Laboratory for Future Interdisciplinary Research of Science and Technology collaborating with Advanced Data Analysis and Modeling Unit. Management of computational environment, construction of mathematical models, theoretical analysis, and large-scale simulation will also be conducted.</p> <p>The successful candidate will be required to engage in teaching at School of Computing, Department of Mathematical and Computing Science, and administrative works at Laboratory for Future Interdisciplinary Research of Science and Technology.</p>
Qualifications	<p>Applicants must hold a PhD, be near to completion of a PhD.</p> <p>Candidates must be highly motivated, and match more than 2 keywords in the Area of Specialization.</p>
Location	<p>Suzukakedai Campus</p> <p>Nearest station: Suzukakedai</p>
Working Hours	<p>De facto working hours* under the discretionary labor system: 7 hours 45 minutes per day (38 hours 45 minutes per week)</p> <p>*Hours considered as working hours</p>
Term	Fixed-term appointments will be for up to 5 years. Reappointment may be possible for one additional term of up to 5 years. The total term is limited to a maximum of 10 years from the original date of employment.
Probationary Period	6 months

Salary	<p>The Institute is currently planning to introduce a new annual salary system in response to new, relevant guidelines of the Ministry of Education, Culture, Sports, Science and Technology. Due to this transition to the new system, the salary will be determined as follows.</p> <ul style="list-style-type: none"> • During the transition period Monthly salary system based on the Regulations on Wage and Salary of the Institute. • After the introduction of new system New annual salary system <p>Note: Applicants currently working at other national universities, etc. who have <i>Shokei</i> Staff status (承継職員) and receive an annual salary will be employed under the Institute's current annual salary system (Regulations on Wage and Salary for Staff under the Annual Salary System).</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 1 st ,2021 or the earliest possible date thereafter
Closing Date for Application	Applications must be received by November 13 th , 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 interview and/or give a presentation. Please note that travel expenses for attending interviews will not be reimbursed.
Required Documents	<ol style="list-style-type: none"> 1. Curriculum vitae including professional and educational history (from high school onward), degrees, awards, and email address. 2. Accomplishment statement, including: <ol style="list-style-type: none"> a. Refereed journal papers b. Refereed conference proceedings and non-refereed conference proceedings c. Reviews d. Books e. Patents, etc. 3. Up to three reprints or copies of major publications (one copy for each publication)

	<ol style="list-style-type: none"> 4. 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) 5. Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (free form, two A4 pages) 6. Teaching statement that provides a summary of accomplishments and discusses ideas for teaching and learning (free form, two A4 pages) 7. Two references with names, affiliations, and contact details 8. An Excel file with specified information: The Excel file can be downloaded from http://www.res.titech.ac.jp/english/news/recruitment/applicant_data_summary_Eng.xlsx
How to Submit an Application	<p>The required documents must be submitted in hard copy and in digital media (CD, USB, etc.)</p> <p>Please write "Application for Assistant Professor in Applied AI" in red ink on the front of the envelope. Applications must be sent by registered postal mail.</p> <p>Applicants from overseas can submit the required documents by email (Email: jim@smp.dis.titech.ac.jp)</p>
Where to Submit	<p>Please send your application to:</p> <p>Advanced Data Analysis and Modeling Unit Institute of Innovative Research Tokyo Institute of Technology 4259-S1-3 Nagatsuta-cho, Midori-ku, Yokohama 226-8502 JAPAN</p>
Contacts	<p>Dr. Misako Takayasu, Professor, Research Unit Leader of Advanced Data Analysis and Modeling Unit</p> <p>Email: takayasu.m.aa@m.titech.ac.jp</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. Tokyo Institute of Technology, 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. For more information, please refer to the following link. http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en 5. The progress of the selection can be found on the following website: https://www.iir.titech.ac.jp/job/info.en.pdf