

## **Tenure Track Position at the Faculty of Engineering, Shizuoka University, Japan**

**Position:** Assistant Professor (1 position)

Department of Mathematical and Systems Engineering, Faculty of Engineering of Shizuoka University

**Research Field:** Information Engineering, Mathematical Engineering

We are looking for a tenure-track faculty member (assistant professor) who can contribute to the design and advancement of various systems and the creation of services, especially in IoT, networks, and sensing systems, by applying information and communication technology, statistical machine learning, and statistical and mathematical modeling. Tenure-track faculty members will be primarily responsible for research work, but will also be trained to educate students as tenure-track faculty members in the future. The tenure-track faculty member will be expected to give lectures on statistics, mathematical modeling, and applied techniques using these techniques in undergraduate and graduate schools.

### **Qualifications:**

Applicants must possess a doctoral degree obtained within ten years as of the deadline for this job posting. And applicants must have been conducting outstanding research in the relevant fields.

### **Starting date:**

The successful candidate is expected to start on March 1, 2022 (or later at the earliest possible date).

### **Job description:**

#### (1) Duration

Five years from the start of employment.

#### (2) Assessment of Tenure track Positions

Performance of the tenure track position holder will be evaluated on a regular basis. The assessment will be aimed at evaluating his/her capabilities in scientific research, leadership and management, acquisition of competitive research funding, and providing teaching and tutorship for Bachelor/Master course students. The assessment will take into account the original research plan, mid-term and final research goals submitted at the start of employment, and results of interviews. The assessment will be scheduled as follows:

- i) Yearly evaluation will take place at the end of first, second, and fourth years.
- ii) An interim assessment will be conducted within the month following expiry of two

and a half years since the start of employment.

iii) The final assessment will be conducted within the month following expiry of four and a half years since the start of employment.

\*Successful assistant professor will be promoted to lecturer or associate professor (acquire tenure until the retirement age (currently 65 years old)).

(3) Remuneration: annual salary system

i) Allowances, including those for dependents, management, housing, commutation, special work, overtime work and midnight work will be provided in accordance with the Shizuoka University guidelines.

ii) Relocation expenses will be covered in accordance with the Shizuoka University guidelines.

(4) Research Support

During the first year, a start-up fund of 3,500,000 yen and an independent research space will be provided. During the second year, research fund of 1,400,000 yen will be provided. During the third, fourth and fifth years, research fund of 700,000 yen per annum will be provided.

i) Approximately 70% of efforts during the period of the employment will be focused on research and 30% on education.

ii) The successful candidate shall conduct research under the guidance of mentor/research advisor.

iii) It is possible that a research fund may be changed by the situation of a future budget.

(5) Primary Responsibility

In addition to conducting research in the above-mentioned fields, the researcher will be in charge of lectures and exercises related to systems engineering and programming for undergraduate and graduate students, and assist in research guidance for undergraduate and graduate students. Undergraduate classes must be taught in Japanese.

(6) Place of work

The successful candidate shall be assigned to work at Hamamatsu Campus of Shizuoka University (Hamamatsu City, Shizuoka Prefecture, Japan).

**Documents for Submission:**

(1) Application form (curriculum vitae, photograph, past achievements and research funds, impact factor, Q-value (Quartile) provided by Journal Citation Reports (JCR) and the number of citations for each paper) ... FORM 1 ([word](#), [pdf](#)).

(2) Summary of previous research (two A4 size pages) ...FORM 2 ([word](#), [pdf](#)).

(3) Plan of the proposed research for a five-year period (two A4 size pages) ...FORM 3 ([word](#), [pdf](#)).

(4) Ambition for teaching at Shizuoka University (one A4 size page) ...FORM 4 ([word, pdf](#)).

(5) Copies of up to five most important scientific publications (journal articles, books. Please rank these achievements).

(6) Names and contact information of two persons who can be contacted in reference to your work.

[Note] \* Important

Forms 1-4 must be filled in English or Japanese and printed one-side on A4 size paper.

[Submission of documents]

The above documents (1)-(6) must be converted to PDF files and be submitted via "JREC-IN Portal Web Application"

**Deadline:**

5 p.m. October 4, 2021, Japan time.

**Selection process:**

(1) Document Review – early October 2021

(2) Interviews – mid October 2021. Only those who have passed the document review will be notified for an interview. Travel expenses will not be disbursed.

The web-interview will be performed for selected overseas residents and persons who cannot come Shizuoka University due to the spread of infection of COVID-19.

(3) If several applicants have similar abilities, then female or applicants which have obtained a doctoral degree abroad will get an advantage.

(4) Temporary suspension of research due to maternity or childcare leave in your work record will not be a disadvantage for selection. State clearly in FORM1 if this applies to your situation.

(5) The personal information contained in the submitted documents will not be used for any purpose other than the selection process, and the electronic files will be deleted after the selection process is completed.

**Queries for this position**

Prof. Satoru Morita

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**Application method:**

Application document should be submitted via JREC-IN, and postal mail is not available.  
Also, an email attachment is not acceptable.