

**Application instruction
for LIMMS internship FY 2027
On "*Stretchable Pressure Sensors for 3D Tissue-on-Chip
project*" at Matsuhisa laboratory, LIMMS/CNRS-IIS,
The University of Tokyo**

1. Internship description

- **Location:** Matsuhisa laboratory, LIMMS/CNRS-IIS (IRL 2820), Tokyo, Japan
- **Internship title:** Stretchable Pressure Sensors for 3D Tissue-on-Chip Applications
- **Internship duration:** 1 to 6 months
- **Accommodation support:** 100 000 yens / month for maximum 6 months (600 000 yens max. per person)
- **Expenses:** Airplane tickets and incidental expenses are **NOT** covered by LIMMS.
- **Contract:** Up to 6 months. An internship contract between IIS-UTokyo and the French school will be finalized, which will define the rules and obligations (both overseas travel accident insurance and liability insurance) during the stay at LIMMS/CNRS, IIS UTokyo.
- **Starting & Ending dates:** The internship should start on the 1st of March 2027 or beyond and finish before the 31st of March 2028.
- **Visa:** Students who will participate in the program for more than 90 days must have a visa. **An administrative procedure takes about 4 months.**

Job Duties

- Design pressure sensor patterns in cad software and print them on soft and stretchable substrates
- Optimize sensitivity, measurement range and encapsulation; assess repeatability and durability
- Calibrate and test sensors under controlled loading; explore their integration into on-chip devices

Skills and Experience

- Background in microengineering, electronics, microelectronics, materials or mechanical engineering
- Interest in prototyping, sensor fabrication, characterization and data acquisition
- Hand-on, rigorous and motivated to work in an international research team

2. Please send the following items to LIMMS direction <limmsadm@iis.u-tokyo.ac.jp>

1. CV
2. Motivation letter

- Candidates are kindly advised to send LIMMS direction the requested documents with an e-mail **subject "LIMMS XXXX (internship title)" FY2027 followed by the candidate's full name.** Sending documents with a different e-mail subject might be at risk of being overlooked.

3. Submission Deadline (Closing date) for applications is **6 November 2026.**

- Please note that due to our administrative procedure, we cannot accept your applications AFTER the deadline.

- Due to a large number of applications, it is not possible to reply to you if you are not shortlisted. If you have not heard from us within one month of the closing date, please assume that your application has not been successful on this occasion.

4. Notification of results

After approval by the screening committee in LIMMS, notification of the acceptance will be sent both to the intern and the host professor of LIMMS.