

Professor Name

Hiroki Shigemune (Mr.)

Laboratory name

Active Functional Devices Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00291.html>

Keyword

Soft robotics, Stretchable devices, Origami structure Printed electronics, Actuators

Tasks in the laboratory

Development of origami devices and robots utilizing printing and self-folding technologies

Program period

More than 3 months

Required skills

A passion for coming to the lab at least four days a week

Desired skills (Preferred skills)

3D printing, Electrical circuit, Machine learning, Illustrator

Eligibility-school year

- ☒ Bachelor 3rd
- ☒ Bachelor 4th or higher
- ☒ Master 1st
- ☒ Master 2nd
- ☒ PhD 1st
- ☒ PhD 2nd
- ☒ PhD 3rd

Eligibility-student's major/fields

- ☒ Mechanical
- ☒ Chemistry
- ☒ Material
- ☒ Electrical
- ☒ Electronic
- ☒ Computer Science
- ☐ Life Science
- ☐ Mathematical
- ☐ Civil Engineering
- ☐ Architecture
- ☒ Engineering and design
- ☐ Other