

Professor Name

Sota Yamamoto (Mr.)

Laboratory name

Healthcare Design Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00109.html>

Keyword

Biomechanics, Injury evaluation and prevention, Healthcare in daily life, Endovascular treatment

Tasks in the laboratory

Biomechanical simulation

Program period

At least 1 month

Required skills

Understanding of the basis of mechanics, dynamics, computational mechanics

Desired skills (Preferred skills)

Operation for 3D modeling (CAD, FE modeling, Image processing etc.)

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 (Control Engineering)