

Professor Name

Yoshiharu Kariya (Mr.)

Laboratory name

Multiscale solid mechanics Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00172.html>

Keyword

Solid mechanics, FEM, reliability

Tasks in the laboratory

Research on prediction of fracture of electronic devices using computer simulation.

Program period

1 ~ 12 months

Required skills

Basic knowledge of FEM analysis and fracture mechanics

Desired skills (Preferred skills)

Knowledge of nonlinear mechanics such as Creep

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