

Professor Name

AOKI Koushirou

Laboratory name

Manufactural processing laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00118.html>

Keyword

Metal forming, Maching, Heat treatment, Metallurgy

Tasks in the laboratory

Experimental analysis of cold extrusion of aluminum ; NC machining of aluminum using CAD/CAM ; Material property evaluation by precision tensile testing

Program period

less than 3 months

Required skills

Mechanics of materials

Desired skills (Preferred skills)

Materials science, Processing science

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