

Professor Name

Takuya Kawata

Laboratory name

Laboratory of turbulence and its transport phenomena

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00041.html>

Keyword

Fluid Mechanics, Turbulence, Computer Simulation

Tasks in the laboratory

Computer simulation of fundamental turbulent flows, such as channel flows, Couette flows, boundary layer flows etc.

Program period

More than 3 months

Required skills

Fundamental knowledge of fluid mechanics

Desired skills (Preferred skills)

Experience of CFD (computational fluid dynamics)

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