

Prof. Takashi Yoshimi

Laboratory name

Robot Task & System Laboratory

Keyword

Robotics, Task execution, Mechatronics, System integration

Tasks in the laboratory

Research on underlying technology and system construction technology to realize highly functional and practical robots that are useful in various scenes from industrial to home use.

- Realization of human skills using a robot arm.
- Realization of a robot system that works on behalf of humans in factories and facilities.
- Sophistication of remote control robot system that can operate from a remote site.

Eligibility-school year

- Third year undergraduate
- Fourth year or higher undergraduate
- First year master degree
- Second year or higher master degree
- First year doctoral degree
- Second year doctoral degree
- Third year or higher doctoral degree

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design

Required skills

Basic knowledge of robotics (e. g. Experience of robot system research project)
Robot Programming skills (Robot language, C language, ROS, etc.)
English communication skills (CEFR B2 level or upper)

Desired skills (Preferred skills)

Experience of real robot system experiments

URL: https://www.shibaura-it.ac.jp/en/research/lab/engineering/electrical/takashi_yoshimi.html

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