

Prof. Takashi Masadome

Laboratory name

Environmental Analytical Chemistry Laboratory

Keyword

Research on analytical automation, environmental analysis, bioanalysis, electrochemical analysis, and chemical sensors

Tasks in the laboratory

We automate the analysis of environmental contaminants and biologically relevant substances using chemical sensors as detectors.  
We also develop simple analytical methods for environmental pollutants and bio-related substances using filter paper.

Program period

Less than 2 months(Accepting in August and September)

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

Ability of communication by English

Desired skills (Preferred skills)

Skill of basic chemical experiment

URL: [https://www.shibaura-it.ac.jp/en/research/lab/engineering/chemistry/takashi\\_masadome.html](https://www.shibaura-it.ac.jp/en/research/lab/engineering/chemistry/takashi_masadome.html)

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