



九州大学 次世代研究者挑戦的研究プログラム  
**未来創造コース**  
"Future-Creation (MIRAI)" Course



## FY2022 Interdisciplinary Courses and Sub-Major Programs

### "Green Chemistry"

#### \* Course Dates and Instructors:

- #1 October 18th: Prof. ISHIHARA Tatsumi, Faculty of Engineering  
"Hydrogen as an Energy Carrier"
- #2 November 1: Prof. ADACHI Chihaya, Faculty of Engineering  
"High-Performance Organic light Semiconductor Devices"
- #3 November 15: Associate Prof. SHIMIZU Soji, Faculty of Engineering  
"Chemistry of Functional Organic Pigment Molecular Elements"
- #4 December 13: Prof. KAMIYA Noriho, Faculty of Engineering  
"Potential of Insect Biorefineries"
- #5 December 20: Prof. FUJIGAYA Tsuyohiko, Faculty of Engineering  
"Nanocarbon Materials for Energy Society"
- #6 January 17: Prof. HOSHINO Yu, Faculty of Engineering  
"Biomimetic CO<sub>2</sub> Separation and Utilization Technology"
- #7 January 24: Prof. KIMIZUKA Nobuo, Faculty of Engineering  
"Effective Utilization Technology of Light Energy by Utilizing Molecular Organization"

#### \* Organizer

Prof. HAYASHI Katurō, Faculty of Engineering

#### \* Course Overview

In order to understand the latest green chemistry, we held seven online lectures on cutting-edge chemical technologies such as nanotechnology and biotechnology. The course students wrote reports on their findings, knowledge, insights, and impressions gained from the lectures.

As a result, the students were able to deepen their meaningful insights and consider their future career paths.

