

# **Katalyse**

## **Studienschwerpunkt 2**

2023/2024

## Zweiter Studienschwerpunkt Katalyse

- Fundamentals of Catalysis (A. Bandarenka, A. Jentys, J. Strunk, WS 5 ECTS)
- Methods of Catalysis (SS 5 ECTS)
  
- Praktikum - Grundlagen und Anwendung der Katalyse (SS 10 ECTS )

### Elective modules

- ICP 1 - Catalysis for Energy (J. Strunk, WS 5 ECTS)
- Catalysis in Industrial Practice (R. W. Fischer, WS 5 ECTS)
- Design Principles for Homogeneous Catalysts (M. Cokoja, SS 5 ECTS)

### Additional elective modules (available)

- Industrial relevant Activation of Small Molecules (R.W. Fischer, SS 5 ECTS)
- ICP 2 - Catalysis for Synthesis (J. Strunk, SS 5 ECTS)
- High throughput methods (H. Stein, SS 5 ECTS)

2 Modules (each Module: 5 ECTS: 2SWS + 1 SWS Seminar)