

## General Information

- ◆ Approved in FY 2019, established in September 2019
- ◆ Established by the Institute for Chemical Research (ICR) Co-operated with the Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University Institute for Advanced Study (KUIAS)
- ◆ Partner institution: Fudan University, China
- ◆ Purposes: Cutting-edge collaborative research and promotion of personnel exchange in the field of chemistry
- ◆ Location: Fudan University, Shanghai, China (outbound)
- ◆ Functions: Promotion of cutting-edge chemical research, expansion of international collaboration and equipment sharing, and exchange of human resources with partner institutions



## Positive ripple effects to the university's activities

- Promotion of activities as an international joint-usage/research center.
- Efficient research through sharing research resources and equipment.
- Recruitment of talented students through using the lab as a contact point.

【During FY 2025】

- Kyoto University dispatched nine faculty members to Fudan University, where the “5th Shanghai-Kyoto Chemistry Forum” was held at Fudan University's Department of Chemistry. Presentations covered the latest research findings in new materials, energy conversion, and chemical biology, and discussions focused on collaborative research.
- Top-tier undergraduate students from Shanghai Jiao Tong University spent six weeks at iCeMS.

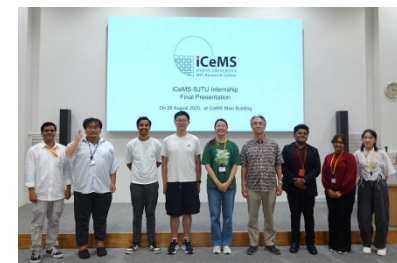
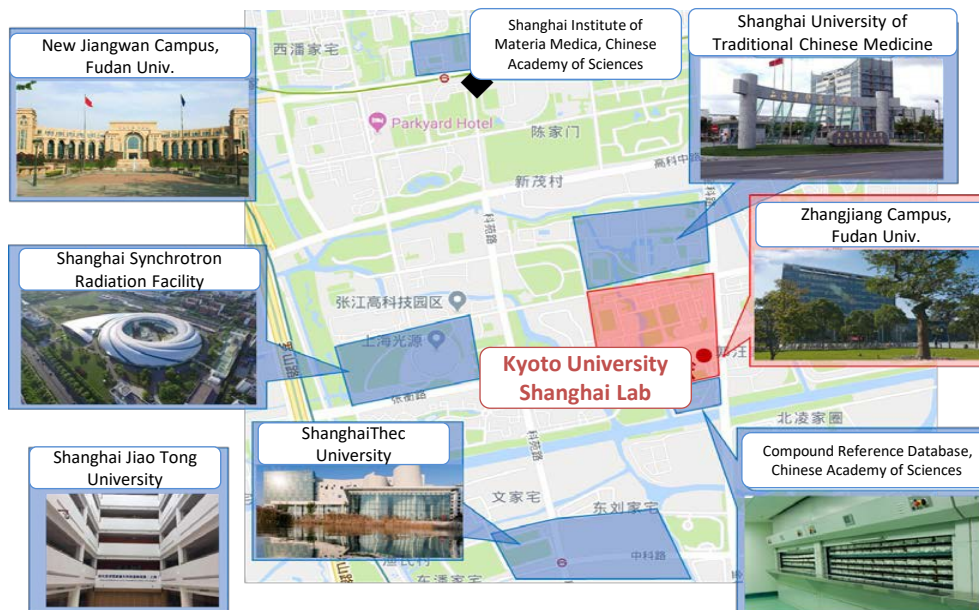
## Overview of activities

\*Proactive applications for external funding  
\*Collaborative research with companies



Secure funding for self-management

- ◆ Research collaboration in advanced chemistry (porous materials and other new materials, energy conversion, chemical biology, etc.)
- ◆ Shared use of state-of-the-art research equipment available at Fudan University, Shanghai Jiao Tong University, ShanghaiTech University, and Kyoto University
- ◆ Shared use of the National Compound Library of the Chinese Academy of Sciences (two million compounds)
- ◆ Utilizing Kyoto University's online courses and short-term study abroad programs to attract talented students from top Chinese universities
- ◆ Obtaining research funds by inviting visiting professors, and promoting early-career researcher exchange



Shanghai Jiao Tong undergraduate students and iCeMS mentors



Shanghai-Kyoto Chemistry Forum, 2025 (Shanghai)

## Main Activities in FY 2025

### ① The 5th Shanghai-Kyoto Chemistry Forum was held in Shanghai

In November 2024, China resumed its visa exemption policy for Japanese nationals. Consequently, travel from Kyoto to Shanghai restarted in fiscal year 2025, and the "5th Shanghai-Kyoto Chemistry Forum" was held at Fudan University in Shanghai on November 21, 2025. Seven speakers from ICR, Kyoto University, two from iCeMS, Kyoto University, and ten from Fudan University gave presentations. This time, young faculty members also participated, presenting research results across a wide range of fields including new materials, energy conversion, and chemical biology. Through this forum, participants discussed the effective utilization of research resources and approaches to international collaborative research.



### ② Nurturing the next generation

- Two undergraduate students (talented program) selected from Shanghai Jiao Tong University were accepted at Kyoto University's iCeMS and ICR in fiscal year 2025 for a six-week internship. One student applied for a government-sponsored scholarship for graduate studies.
- On June 27, 2025, 41 undergraduate students majoring in materials science from Zhejiang University visited iCeMS. iCeMS professors delivered a lecture tailored for undergraduates. The session included Chinese-language explanations to promote study-abroad opportunities.

