

General Information

- ◆ Approved in FY 2019, established in September 2019
- ◆ Established by the Institute for Chemical Research
- ◆ 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 2024】

- Thirteen faculty members from Fudan University were invited to Kyoto University to participate in the 4th Shanghai-Kyoto Chemistry Forum, which was held at the Institute for Chemical Research of Kyoto University. Ten faculty members from each university presented their research results in the field of new materials, energy conversion and chemical biology.
- Hosted 3 undergraduates (talented program) from Shanghai Jiao Tong University for 1 month at iCeMS.

Overview of activities

- ◆ Research collaboration in advanced chemistry (porous materials and other new materials, energy conversion, chemical biology, etc.)
- ◆ Shared use of state-of-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)
- ◆ Utilize Kyoto University's online courses and short-term study abroad programs to attract talented students from top Chinese universities
- ◆ Obtain research funds by inviting visiting professors, and promote early-career researcher exchange

*Proactive applications for external funding
*Collaborative research with companies



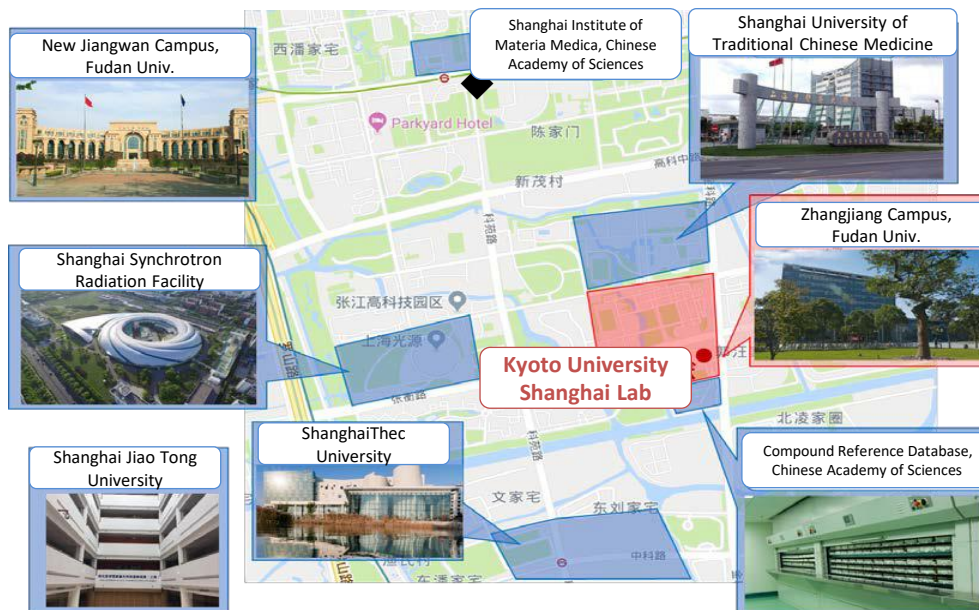
Secure funding for self-sufficient management

Office of the Institute for Chemical Research (ICR)

Fudan University
Zhangjiang Campus



(Rear) Assoc. Prof. Lu, School of Pharmacy, (Fudan University, concurrent post)
(Left) Secretary

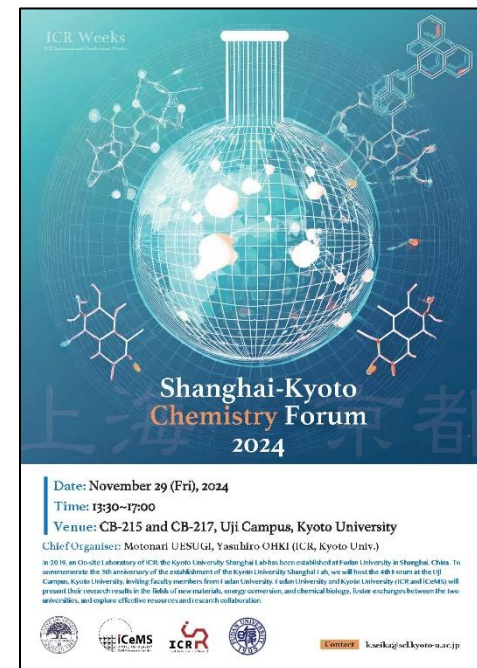


Shanghai-Kyoto Chemistry Forum, October 2024 (Kyoto)

Main Activities in FY 2024

① The 4th Shanghai-Kyoto Chemistry Forum was held in Kyoto

Until November 2024, the visa exemption measures for Japanese citizens travelling to China were suspended, and visa applications required time and a certain procedure. Therefore, in 2024, we reduced the number of trips from Kyoto to Shanghai and focused our activities on trips from Shanghai to Kyoto. We invited 13 faculty members from Fudan University to Kyoto University and held the "4th Shanghai-Kyoto Chemistry Forum" at Institute for Chemical Research. Nine professors from Fudan University and ten professors and associate professors from ICR presented their latest research results and academic insights in the fields of new materials, energy conversion and chemical biology. The presentations were followed by a lively Q&A session, and there was also an exchange of views on joint research topics across fields and disciplines.



② Nurturing the next generation

- Three selected undergraduate students (talented program) from Shanghai Jiao Tong University joined the one-month internship at iCeMS, Kyoto University in 2024. This will continue as a partnership in order to recruit talented students.
- Tongji University in Shanghai and Kyoto University hosted the "Tongji-iCeMS International Graduate Symposium" on 27-28 August 2024. Young researchers and students from Tongji University and iCeMS discussed next-generation materials.

