

iCeMS-IPE Joint Symposium on Material and Environmental Science

Date: April 24, 2024

Venue: Seminar Room on the 2nd floor of KUIAS-iCeMS Main Building

Chairpersons: Ken-ichi Otake (iCeMS), Zaoming Wang (iCeMS), Fuqiang Chen (iCeMS)

Time	Programme
13:00–13:10	Opening Remarks Prof. Susumu Kitagawa <i>Distinguished Professor, iCeMS</i>
13:10–13:35	“Porous transition metal oxides for indoor air pollutant gas removal” Prof. Ning Han <i>Director of the Division of Materials and Environmental Engineering, IPE</i>
13:35–14:00	“Three-Dimensional Visualization of Adsorption Distribution in a Single Crystalline Particle of a Metal–Organic Framework” Lecturer Hirotohi Sakamoto <i>iCeMS</i>
14:00–14:25	“Facile conversion of CO₂ into Metal-Organic Frameworks” Asst. Prof. Kentaro Kadota <i>iCeMS /Graduate School of Science, Kyoto University</i>
14:25–14:40	IPE’s Flash Talk session 1 (5 min per person including Q&A) Prof. Shufeng Ye / Prof. Qiangqiang Tan / Prof. Kaiqi Liu
14:40–15:00	Coffee break
15:00–15:10	Group Photos
15:10–15:35	“Coupling biodegradation and ozonation in situ by porous minerals for enhancing nitrogen and micropollutants removal from landfill leachate” Assoc. Prof. Xuetong Yang <i>Director Assistant of the State Key Laboratory of Mesoscience and Engineering, IPE</i>
15:35–16:00	“Truchet-tile structure and enhanced elastic stability of a topologically disordered metal-organic framework” Dr. Emily Meekel <i>JSPS Postdoctoral Fellow, iCeMS</i>
16:00–16:25	“Stimuli-responsive luminescence properties of flexible hydrogen-bonded organic frameworks” Dr. Qiuyi Huang <i>Postdoctoral Fellow, iCeMS</i>
16:25–16:50	“Semicon soft porous interfaces” Prof. Ming-Shui Yao <i>Deputy Director of the State Key Laboratory of Mesoscience and Engineering, IPE</i>
16:50–17:05	IPE’s Flash Talk session 2 (5 min per person including Q&A) Prof. Fangli Yuan / Assoc. Prof. Chuanbing Huang / Asst. Prof. Xia Jiang
17:05–17:15	Closing Remarks Prof. Yunfa Chen <i>Chairman of academic degree committee, IPE</i>
17:30–19:00*	Reception, Mixer (*by invitation only)