The CNRS-IRP “Smolab” Symposium 2023

23rd/October/2023 (Monday)
@iCeMS Main Building Seminar Room, Kyoto University

Program

9:50-9:55: Welcome Address, Smolab Director Shuhei Furukawa (Kyoto University)

9:55-10:00: Welcome Address, Smolab Director David Farrusseng (IRCELYON)

Chairpersons: David Farrusseng and Shuhei Furukawa

10:00-10:30: Jerome Canivet (IRCELYON)

Porous Organic Polymer for Freezing Supramolecular Assembly

10:30-11:00: Ken-ichi Otake (Kyoto University)

Exclusive CO_2 Separation enabled by the structural Flexibility of Porous Coordination Polymers

11:00-11:30: Aude Demessence (IRCELYON)

Advances in d^{10} Coinage Metal Organic Chalcogenolate Coordination Polymers for Optoelectronic Technologies

11:30-12:00: Daisuke Tanaka (Kwansei Gakuin University).

Development of Novel Semiconductive Coordination Polymers with Metal-Sulfur Bond Networks

12:00-13:30: Lunch and discussion

Chairpersons: Jerome Canivet, Satoshi Horike

13:30-14:00: Cecile Daniel (IRCELYON)

Implementation of dynamic breakthrough experiments over miniaturized MOF columns

14:00-14:30: Phitchayapha Phattharaphuti (Kyoto University)

Assembling metal-organic cages towards heterogeneous catalysis

14:30-15:00: Alexandre Legrand (UCCS Lille)

Porous materials for the capture and removal of toxic pollutants

15:00-15:30: Coffee Break

Chairpersons: Aude Demessence, Daisuke Tanaka

15:30-16:00: Yongsheng Wei (Kyoto University)

Understanding the Structural Dynamics of CP/MOF Glasses with their Optical Behavior and Porosity

16:00-16:30: Kenji Sumida (Atomis)

Supporting Next-Generation Applications of MOFs from the Bench to the Industrial Scale

16:30-17:00: David Farrusseng (IRCELYON)

Opportunities of MOF flexibility for VOC capture applications

17:00-17:10: Susumu Kitagawa (Kyoto University, Japan)