

iCeMS Symposium on Programing Functionalities into Porous Materials

8th/March/2013 (Fri)

Funai Tetsuro Auditorium @Katsura Campus, Kyoto University

Program

13:00-13:05: Opening Remarks, Shuhei Furukawa

Chairperson: Shuhei Furukawa

13:05-13:45: Christian Doonan (Univ. of Adelaide, Australia)

Robust nanoporous organic cage molecules

13:45-14:25: Satoshi Horike (Kyoto Univ., Japan)

Ion transfer in the restricted channels of coordination polymer

Chairperson: Stéphane Diring

14:25-15:05: Yuriy Román (MIT, USA)

Microporous solid Lewis acids:

An attractive platform to achieve catalytic cooperativity

15:05-15:30: Break

15:30-16:10: Hiroshi Sato (Kyoto Univ., Japan)

Self-promoting CO sorption in soft nanoporous crystals

Chairperson: Satoshi Horike

16:10-16:50: Paolo Falcaro (CSIRO, Australia)

Positioning metal-organic frameworks

16:50-17:30: Mircea Dinca (MIT, USA)

Building around the pores:

Electronic conductivity and redox activity in metal-organic frameworks

17:30-17:35: Closing Remarks: Satoshi Horike