

JST ACCEL R&D Project International Symposium

The Nanospace Science of PCP for Molecular Control

– Application and Development –



27-28 November, 2017

iCeMS Main bldg. 2F seminar room,
Kyoto, Japan

Porous coordination polymers (PCPs) (or metal-organic framework, MOFs) are new type of porous materials that have a regular porous structure via fundamental building blocks in a bottom-up manner and superior designability. To date, this research area has grown strongly, and more than twenty thousands of different MOFs are known, and over 8000 articles on this class of materials are published annually worldwide. PCPs are relevant for capturing and storing gaseous substances (e.g., CO₂, CO, CH₄) freely at low energy. They would help address industrial activity and challenges in the environment, energy, and biology. JST ACCEL project (2013-2018) focuses on PCP science and technologies toward gas separation. This symposium comprises of invited talks of overseas leading scientists and talks of researchers involved in the project.



Invited Speakers

Prof. Stuart James
Queen's University Belfast, UK

Assist. Prof. Dan Zhao
National University of Singapore, SGP

Prof. Jie-Peng Zhang
Sun Yat-Sen University, CHN

Dr. Praveen K. Thallapally
Pacific Northwest National Laboratory, USA

Dr. John Breen
MOF Technonogies, UK

Prof. Mohamed Eddaoudi
King Abdullah University of Science and Technology, SAU

Japanese Speakers

Prof. Ryotaro Matsuda
Nagoya University, ACCEL

Prof. Masaya Matsuoka
Osaka Prefecture University, ACCEL

Assoc. Prof. Shin-ichiro Noro
Hokkaido University, ACCEL

Assist. Prof. Shinpei Kusaka
Kyoto University, ACCEL

Dr. Hiroshi Kajiro
Nippon Steel & Sumitomo Metal Corp., ACCEL

Assoc. Prof. Satoshi Horike
Kyoto University, iCeMS

Assist. Prof. Behnam Ghalei
Kyoto University, iCeMS

Registration

<http://www.kitagawa.icems.kyoto-u.ac.jp/accel/index.html>

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