



# 4th International Conference on Metal-Organic Frameworks & Open Framework Compounds

28 September – 1 October 2014

Kobe, Japan



## Invitation

Addressing all questions concerning metal-organic frameworks, metal coordination compounds, and related materials, and covering all aspects of MOFs from synthesis and characterization of new materials over properties of MOFs to all manner of applications. Join us as we look forward to experimental and theoretical modeling contributions along with papers addressing potential industrial applications of these fascinating materials.

## Key dates

Abstract submission start ..... 1 Feb 2014  
Abstract submission deadline ..... 31 Mar 2014  
Early registration deadline ..... 31 May 2014

## Registration

	<i>early</i> (by 31 May)	<i>regular</i>
General.....	¥60 000	¥70 000
Student.....	¥30 000	¥40 000
Corporate.....	¥80 000	¥90 000

## Venues

28 September: Portopia Hall, The Kobe Portopia Hotel  
29 September–1 October: Kobe International Conference Center

secretariat [mof14secretary@icems.kyoto-u.ac.jp](mailto:mof14secretary@icems.kyoto-u.ac.jp)  
[www.kitagawa.icems.kyoto-u.ac.jp/mof2014](http://www.kitagawa.icems.kyoto-u.ac.jp/mof2014)

2nd circular

# 2nd circular

## Scope

**Metal-organic frameworks (MOFs)** are a family of nanoporous materials, the recent development of which has made a significant impact on mainstream research in the areas of materials science and coordination chemistry. **MOF2014**, covering all of the related areas of MOF chemistry and other developing porous materials, will benefit not only specialists in the field but also scientists in other areas, stimulating an exchange of new ideas and leading participating students toward future breakthroughs. MOF2014 will highlight three key areas.

- **Fundamental Study and Discovery of MOFs:** new structures and fabrication, unusual phenomena in pores/channels
- **Functions, Applications, and Commercialization of MOFs:** storage, separation, catalysis, sensing, conductivity, bio-inspired functions
- **Hybridization of MOFs and Organic Networks:** including Covalent Organic Frameworks (COF) and Molecular Cage-Type Compounds

## Program

- 28 Sep (from 15.00) registration, opening, keynote, welcome reception
- 29 Sep (from 08.45) introduction, keynote, academic talks, poster session 1
- 30 Sep (from 09.00) keynote, academic talks, poster session 2, banquet
- 01 Oct (from 09.00) keynote, academic talks, closing (15.50)

## Keynote Speakers

**Xiao-Ming Chen**, Sun-Yat-Sen University/PRC  
**Andrew Cooper**, University of Liverpool/UK  
**Roland Fischer**, Ruhr-University Bochum/Ger  
**Jeffrey Long**, University of California, Berkeley/USA

**George Shimizu**, University of Calgary/Can  
**Myunghyun Paik Suh**, Seoul National University/RoK  
**Qiang Xu**, National Institute of Advanced Industrial Science and Technology (AIST)/Jpn  
**Omar Yaghi**, University of California, Berkeley/USA

## Organizing Committee

Chair: **Susumu Kitagawa** (Kyoto University)

Vice Chairs: **Hiroshi Kitagawa** (Kyoto University), **Qiang Xu** (AIST)

Members: Katsuhiko Ariga (National Institute for Materials Science), Makoto Fujita (The University of Tokyo), Donglin Jiang (Institute for Molecular Science), Masako Kato (Hokkaido University), Masaki Kawano (Pohang University of Science and Technology), Takayoshi Kuroda (Kinki University), Masaaki Ohba (Kyushu University), Makoto Tadokoro (Tokyo University of Science), Satoshi Takamizawa (Yokohama City University), Masahiro Yamashita (Tohoku University)

## International Advisory Board

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**Kobe, Japan**

**28** September–**1** October

