“ International Symposium on Advanced Mesostructured Catalysts and Photocatalysts (ISAM-Cat)”

Post-Symposium of IMMS2013

supported by

*Stategic Japan-China Reserach Cooperative Program on "Science and Technology for Environmental Converation and Conduction of a Society with Less Environmental Burden" (JST-NSFC);

*Division of Materials and Manufactures Science, Graduate School of Engineering, Osaka University;

*Organizing Committee of IMMS 2013

Date: May 25th (Sat) 2013: 9:00 - 19:00

Place: Osaka University, Suita Campus, Convention Center
http://www.osaka-u.ac.jp/en/access/suita.html

Co-chairs: Prof. Hexing Li (Shanghai Normal University)
Prof. Hiromi Yamashita (Osaka University)
Prof. Masaya Matsuoka (Osaka Prefecture University)

Attendance fee: 10,000 JPY: normal participants
Free: students and speakers

Banquet: Hotel Hankyu Expo Park
http://www.hankyu-hotel.com/cgi-bin2/cms2/index_en.cgi?hid=24hhexpopark

Detailed information:
http://www.mat.eng.osaka-u.ac.jp/msp1/ISAM-CAT.html

Correspondence:
Prof. Hiromi Yamashita (Osaka University)
Phone & FAX: +81-6-6879-7457
E-mail: yamashita@mat.eng.osaka-u.ac.jp

Speakers:

Plenary Lectures (50 min):

Prof. Dongyuan Zhao (Fudan University)
"Functional Mesoporous materials: Synthesis and Application"

Prof. Tetsuro Majima (Osaka University)
"Single-molecule, Single-particle Fluorescence Imaging of TiO2 Photocatalytic Reactions"

Invited Lectures (25 min):

Prof. Yongfa Zhu (Tsinghua University)
"Enhancement of Photo-catalytic Performance via Surface Hybridization with Conjugated Molecular"

Prof. Fang Zhang (Shanghai Normal University)
"Organometals Covalently Bonded to Ordered Mesoporous Polymers as Highly Active and Reusable Catalysts for Water-Medium Organic Reactions"

Prof. Jiaguo Yu (Wuhan University of Technology)
"Graphene-based Semiconductor Photocatalytic Materials"

Prof. Jinlong Zhang (East China University of Science and Technology)
"Multifluorescently Traceable Nanoparticle by a Single-Wavelength Excitation with Color-Related Drug Release Performance"

Prof. Yuning Huo (Shanghai Normal University)
"Combination of Visible-Light BiOBr Photocatalysis and Membrane Distillation in Photocatalytic Membrane Reactor"

Prof. Wenzhong Wang (Shanghai Institute of Ceramics)
"Highly Efficient Visible Light Induced Photocatalysts: Design and Properties"

Prof. Kangle Lv　(South-Central University for Nationalities)
“In Situ Transformation of Cubic TiOF2 to Hollow Titania Hierarchical Nanostructures Assembly by TiO2 Nanosheets with Exposed {001} Facets"

Invited Lectures (20 min):

Prof. Kohsuke Mori　(Osaka University)
"Design of Visible-light-driven Molecular-based Photocatalysts Fixed on the Inorganic Matrices"

Prof. Norikazu Nishiyama (Osaka University)
“Vapor Phase Synthesis of Mesoporous Silica and Carbon Films”

Prof. Masaya Matsuoka　(Osaka Prefecture University)
“Development of Rationally Designed Metal-Organic Frameworks and their Catalytic Performances”

Prof. Kentaro Teramura　(Kyoto University)
"Artificial Photosynthesis Using Typical Clays: Photocatalytic Conversion of CO2 in Water over Layered Double Hydroxides"

Prof. Hiroshi Kominami　(Kinki University)
"Synthesis and Functionalization of Photocatalysts Utilizing Surface-plasmon Resonance Absorption of Gold Nanoparticles"

Prof. Teruhisa Ohno　(Kyushu Institute of Technology)
"Development of High Efficient Hybrid Photocatalysts for Environmental Cleanup under Visible Light"

Posters　(60min):

Prof. Huogen Yu (Wuhan University of Technology)
“Enhanced Photoinduced Stability and Photocatalytic Activity of AgBr Photocatalyst by Surface Modification of Fe(III) Cocatalyst"

(will be continued)

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Convention Center, Suita Campus, Osaka University

MAY/25/2013

	Time		Speaker	Affiliation	Title
Opening	9:00	9:05	Hexing Li Hiromi Yamashita	Shanghai Normal University Osaka Iniversity	
IL-1A	9:05	9:30	Yongfa Zhu	Tsinghua University	Enhancement of Photo-catalytic Performance via Surface Hybridization with Conjugated Molecular
IL-2B	9:30	9:50	Kohsuke Mori	Osaka University	Design of Visible-light-driven Molecular-based Photocatalysts Fixed on the Inorganic Matrices
IL-3A	9:50	10:15	Fang Zhang	Shanghai Normal University	Organometals Covalently Bonded to Ordered Mesoporous Polymers as Highly Active and Reusable Catalysts for Water-Medium Organic Reactions
	(Break)				
IL-4A	10:25	10:50	Jiaguo Yu	Wuhan University of Technology	Graphene-based Semiconductor Photocatalytic Materials
IL-5B	10:50	11:10	Norikazu Nishiyama	Osaka University	Vapor Phase Synthesis of Mesoporous Silica and Carbon Films
PL-1	11:10	12:00	Dongyuan Zhao	Fudan University	Functional Mesoporous materials: Synthesis and Application
	(Lunch)				
IL-6A	13:00	13:25	Jinlong Zhang	East China University of Science and Technology	Multifluorescently Traceable Nanoparticle by a Single-Wavelength Excitation with Color-Related Drug Release Performance
IL-7B	13:25	13:45	Masaya Matsuoka	Osaka PrefectureUniversity	Development of Rationally Designed Metal-Organic Frameworks and their Catalytic Performances
IL-8A	13:45	14:10	Yuning Huo	Shanghai Normal University	Combination of Visible-Light BiOBr Photocatalysis and Membrane Distillation in Photocatalytic Membrane Reactor
IL-9B	14:10	14:30	Kentaro Teramura	Kyoto University	Artificial Photosynthesis Using Typical Clays: Photocatalytic Conversion of CO2 in Water over Layered Double Hydroxides
	(Break)				
IL-10A	14:40	15:05	Wenzhong Wang	Shanghai Institute of Ceramics	Highly Efficient Visible Light Induced Photocatalysts: Design and Properties
IL-11B	15:05	15:25	Hiroshi Kominami	Kinki University	Synthesis and Functionalization of Photocatalysts Utilizing Surface-plasmon Resonance Absorption of Gold Nanoparticles
IL-12A	15:25	15:50	Kangle Lv	South-Central University for Nationalities	In Situ Transformation of Cubic TiOF2 to Hollow Titania Hierarchical Nanostructures Assembly by TiO2 Nanosheets with Exposed {001} Facets
IL-13B	15:50	16:10	Teruhisa Ohno	Kyushu Institute of Technology	Development of High Efficient Hybrid Photocatalysts for Environmental Cleanup under Visible Light
	(Break)				
PL-2	16:20	17:10	Tetsuro Majima	Osaka University	Single-molecule, Single-particle Fluorescence Imaging of TiO2 Photocatalytic Reactions
P-1	17:10	18:10	Huogen Yu	Wuhan University of Technology	Enhanced Photoinduced Stability and Photocatalytic Activity of AgBr Photocatalyst by Surface Modification of Fe(III) Cocatalyst
P-2 P-21					
P-22			Takashi Kamegawa	Osaka University	
Closing	18:10	18:15	Masaya Matsuoka	Osaka Prefecture University	
	(Moving to Hotel Hankyu Expo Park)				
Banquet	18:45	20:45			

PL: Plenary Lecture (50 min) IL: Invited Lecture (A: 25 min, B: 20 min) P: Poster Presentation (60 min)

Map of Suita Campus (Osaka University)