

December 21, 2006

Mitsui Chemicals to Host “The Third Mitsui Chemicals International Symposium on Catalysis Science (MICS2007)”

Mitsui Chemicals, Inc. (“MCI”) hereby announces it will host “The Third Mitsui Chemicals International Symposium on Catalysis Science (MICS2007)” as follows.

Details

1. Theme: Polymerization Catalysis -Current Status and Future Prospects-
2. Date: March, 14-15, 2007
3. Venue: Kazusa Akademia Hall (Kisarazu, Chiba Prefecture, Japan)
4. Lectures: Please see Appendix for detailed schedule.

Plenary Lectures

Prof. Jean-Marie Lehn (Louis Pasteur University, France)

The 1987 Nobel Prize Laureate in Chemistry

”From Supramolecular Chemistry to Constitutional Dynamic Chemistry”

Prof. Robert H. Grubbs (California Institute of Technology, U.S.A)

The 2005 Nobel Prize Laureate in Chemistry

”Olefin Metathesis for the Synthesis of Large and Small Molecules

Special Lecture

Prof. Richard R. Schrock (Massachusetts Institute of Technology, U.S.A)

The 2005 Nobel Prize Laureate in Chemistry

”The Development and Use of Modern Olefin Metathesis Catalysts for Organic and Polymer Chemistry”

Invited Lectures

Prof. Richard F. Jordan (The University of Chicago, U.S.A)

”Reactions of Single-Site Catalysts with Polar Vinyl Monomers”

Prof. Hans R. Kricheldorf (University of Hamburg, Germany)

”Syntheses of (Biodegradable) Polymers by Means of Bismuth Catalysts and Initiators

Prof. Luigi Cavallo (University of Salerno, Italy)

”Mechanisms of Stereoselective Polymerizations”

Dr. James C. Stevens (The Dow Chemical Company, U.S.A)
"Teaching Old Polyolefins New Tricks with Modern Catalysts"

Prof. Kyoko Nozaki (The University of Tokyo, Japan)
"Controlled Coordination Polymerization Catalyzed by Group 10 Metal Complexes"

Prof. Toshio Masuda (Kyoto University, Japan)
"Design of Polymerization Catalysts and Synthesis of Substituted Polyacetylenes"

Mr. Eiji Tanaka (Executive Officer, Mitsubishi Chemical Corporation, Japan)
"Clay Mineral Supported Metallocene and Post-metallocene Catalysts for Olefin Polymerization"

Dr. Terunori Fujita (Research Fellow & General Manager, Catalysis Science Lab., Mitsui Chemicals, Inc., Japan)
"Discovery and Development of FI Catalysts for Olefin Polymerization: Unique Catalysis and Distinctive Polymer Formation"

5. The Award Ceremony of the "2007 Mitsui Chemicals Catalysis Science Award" and Commemorative Lectures

The award ceremony will be held for the winners of the award, and commemorative lectures by the winners will be presented.

Commemorative Lectures

The Winners of the "2007 Mitsui Chemicals Catalysis Science Award"

Dr. Zhaomin Hou (Chief Scientist, RIKEN, Japan)
"Development of Polymerization Reactions Based on New Organo Rare Earth Metal Catalysts"

Prof. Gregory C. Fu (Massachusetts Institute of Technology, U.S.A)
"Metal-Catalyzed Coupling Reactions"

The Winners of the "2007 Mitsui Chemicals Catalysis Science Award of Encouragement"

Assistant Prof. Jun Terao (Osaka University, Japan)
"Carbon Bond Formation Reactions Using Anionic Transition Metal Complexes as the Key Catalytic Intermediates"

Assistant Prof. Michael C. W. Chan (City University of Hong Kong, Hong Kong)
"Modeling Weak Attractive Polymer-Ligand Interactions in Olefin Polymerization Catalysts"

MCI plays a leading role in the field of catalysis science, mainly catalysts for olefin polymers. MCI continuously works on leading-edge catalyst development by utilizing its long-standing scientific network in catalysis science contributing to advancements in affluent society through the creation of high-performance materials and substances.

**Program of “The Third Mitsui Chemicals International Symposium
on Catalysis Science (MICS2007)”**

March 14 (Wed.) 2007		March 15(Thu.) 2007	
10:00~ 10:10	Opening Ceremony	10:00~ 10:45 Plenary Lecture	Robert H. Grubbs (California Institute of Technology) “Olefin Metathesis for the Synthesis of Large and Small Molecules”
10:10~ 10:55 Plenary Lecture	Jean-Marie Lehn (Louis Pasteur University) ”From Supramolecular Chemistry to Constitutional Dynamic Chemistry”	10:45~ 11:30	Kyoko Nozaki (The University of Tokyo) “Controlled Coordination Polymerization Catalyzed by Group 10 Metal Complexes”
10:55~ 11:40 Special Lecture	Richard R. Schrock (Massachusetts Institute of Technology) “The Development and Use of Modern Olefin Metathesis Catalysts for Organic and Polymer Chemistry”	13:15~ 14:00	Eiji Tanaka (Mitsubishi Chemical Corporation) ”Clay Mineral Supported Metallocene and Post-metallocene Catalysts for Olefin Polymerization”
13:15~ 14:00	Hans R. Kricheldorf (University of Hamburg) ”Syntheses of (Biodegradable) Polymers by Means of Bismuth Catalysts and Initiators”	14:00~ 14:45	Luigi Cavallo (University of Salerno) “Mechanisms of Stereoselective Polymerizations”
14:00~ 14:45	Toshio Masuda (Kyoto University) “Design of Polymerization Catalysts and Synthesis of Substituted Polyacetylenes”	15:05~ 15:50	James C. Stevens (The Dow Chemical Company) ”Teaching Old Polyolefins New Tricks with Modern Catalysts”
14:45~ 15:30	Terunori Fujita (Mitsui Chemicals, Inc.) ”Discovery and Development of FI Catalysts for Olefin Polymerization: Unique Catalysis and Distinctive Polymer Formation”	15:50~ 16:35	Richard F. Jordan (The University of Chicago) “Reactions of Single-Site Catalysts with Polar Vinyl Monomers”
15:50~ 17:10	The Award Ceremony & Commemorative Lectures <u>The Winners of the “2007 Mitsui Chemicals Catalysis Science Award”</u> Zhaomin Hou (RIKEN) “Development of Polymerization Reactions Based on New Organo Rare Earth Metal Catalysts” Gregory C. Fu (Massachusetts Institute of Technology) “Metal-Catalyzed Coupling Reactions” <u>The Winners of the “2007 Mitsui Chemicals Catalysis Science Award of Encouragement”</u> Jun Terao (Osaka University) “Carbon Bond Formation Reactions Using Anionic Transition Metal Complexes as the Key Catalytic Intermediates” Michael C. W. Chan (City University of Hong Kong) “Modeling Weak Attractive Polymer-Ligand Interactions in Olefin Polymerization Catalysts”	16:35~ 16:40	Closing Ceremony