

March 16, 2007

Mitsui Chemicals, Inc.

## **Mitsui Chemicals Hosts the Third Catalysis Science Symposium with Great Success**

Focusing on the theme of “Polymerization Catalysis – Current Status and Future Prospects–,” “The Third Mitsui Chemicals International Symposium on Catalysis Science (MICS2007)” drew to a successful close as per the attached Fact Sheet on March 14 and 15, Mitsui Chemicals, Inc. (“MCI”) announced today. The symposium hosted 1,600 attendees from the industrial, governmental and academic institutions, which far exceeds the previous number of attendees. This symposium was organized in 2003 with the aim of the development of catalysis science contributing to “Dream-Inspiring Innovation,” marking the third time this year.

The event featured lectures from eleven of the world’s front-line researchers in the catalysis science, centering on the theme of current status and future prospects of polymerization catalysis which creates new functional materials. All the attendees were inspired by the enlightening lectures, including those presented by Nobel Laureates Jean-Marie Lehn of Louis Pasteur University, Robert H. Grubbs of California Institute of Technology and Richard R. Schrock of Massachusetts Institute of Technology. After the lectures, vigorous exchanges were held between the lecturers and attendees about opinions on their views and research contents.

Also taking the opportunity of the symposium, MCI hosted an award ceremony “2007 Mitsui Chemicals Catalysis Science Award” and “2007 Mitsui Chemicals Catalysis Science Award of Encouragement” as well as the commemorative lectures by the award winners. The awards were presented to researchers who have made outstanding achievements in catalysis science.

## MICS2007 Fact Sheet

1. Symposium Name: The Third Mitsui Chemicals International Symposium on Catalysis Science (MICS2007)  
– “Current Status and Future Prospects”
2. Date: March 14 – 15, 2007
3. Venue: Kazusa Akademia Hall, Kisarazu, Chiba Pref., Japan
4. Guest Lecturers and Lecture Titles:

### 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"

### 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"

5. Attendance: Ca. 1,600 people

6. Sponsoring Organizations:

Hosted by: Mitsui Chemicals, Inc.

Supported by: Governmental:

Chiba Prefecture, Sodegaura City, Ichihara City,  
Kisarazu City, Mobara City

Academic:

The Chemical Society of Japan

The Society of Polymer Science, Japan

Catalysis Society of Japan

The Japan Petroleum Institute

The Society of Synthetic Organic Chemistry, Japan

The Society of Chemical Engineers, Japan