

# International Symposium on Organometallic Chemistry and Molecular Catalysis for Fine Chemicals Synthesis

**Date:** July 11 10:30-17:00

**Place:** International Center, Tokyo Metropolitan University (Minami Osawa, Hachioji, Tokyo, Japan)

## Invited Speakers

Prof. Dongmei Cui (*Changchun Institute of Applied Chemistry, CAS, China*)

The regio- and stereo-selective (co)polymerization of styrene and dienes, an approach to access novel materials

Prof. Rhett Kempe (*Universität Bayreuth, Germany*)

Bimetallic chemistry and catalysis

Prof. Daniel Mindiola (*University of Pennsylvania, USA*)

"Molecular vanadium and titanium nitrides"

Prof. Ekasith Somsook (*Mahidol University, Thailand*)

Development of ferrocene as green catalysts for advanced oxidation process

Prof. Hsyueh-Liang Wu (*National Taiwan Normal University, Taiwan*)

Preparation of chiral nitrogen-containing molecules via Rh-catalyzed asymmetric transformations

## Host Speakers

Prof. Kotohiro Nomura (*Tokyo Metropolitan University, Japan*)

Introduction of research project: (Imido)vanadium complexes and half-titanocenes for olefin oligomerization/polymerization

Prof. Akiko Inagaki (*Tokyo Metropolitan University, Japan*)

Visible-light driven olefin polymerization by Ir-Pd bichromophoric catalyst



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**Coordinator:** Prof. Kotohiro Nomura *Department of Chemistry, Tokyo Metropolitan University*

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## Program

10:20 Opening Remarks (Kotohiro Nomura)

10:25-11:05 Prof. Rhett Kempe (*Universität Bayreuth, Germany*)

Bimetallic chemistry and catalysis

11:05-11:35 Prof. Hsyueh-Liang Wu (*National Taiwan Normal University, Taiwan*)

Preparation of chiral nitrogen-containing molecules via Rh-catalyzed asymmetric transformations

11:35-12:00 Prof. Akiko Inagaki (*Tokyo Metropolitan University, Japan*)

Visible-light driven olefin polymerization by Ir-Pd bichromophoric catalyst

12:00-13:10 Lunch

13:10-14:10 Poster Presentation

14:10-14:40 Prof. Ekasith Somsook (*Mahidol University, Thailand*)

Development of ferrocene as green catalysts for advanced oxidation process

14:40-15:20 Prof. Dongmei Cui (*Changchun Institute of Applied Chemistry, CAS, China*)

The regio- and stereo-selective (co)polymerization of styrene and dienes, an approach to access novel materials

15:20-15:40 Break

15:40-16:20 Prof. Daniel Mindiola (*University of Pennsylvania, USA*)

"Molecular vanadium and titanium nitrides"

16:20-17:00 Prof. Kotohiro Nomura (*Tokyo Metropolitan University, Japan*)

Introduction of research project: (Imido)vanadium complexes and half-titanocenes for olefin oligomerization/polymerization

17:10 Mixer



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