



**IRTG**<sup>MS-NG</sup>

**International Research Training Group**  
Münster / GERMANY - Nagoya / JAPAN



University of Münster / Germany



Nagoya University / JAPAN

## The 5<sup>th</sup> joint IRTG SYMPOSIUM between Nagoya University and University of Münster

Thursday, May 1<sup>st</sup> – Friday, May 2<sup>nd</sup> 2008

Westfälische Wilhelms-Universität Münster, Organische/Anorganische  
Chemie, Wilhelm-Klemm-Str. 6, Lecture halls C2/O1

### Wednesday, April 30<sup>th</sup>:

**Excursion: Schloss Vischering, Lüdinghausen**  
(departure: 14:00 Wilhelm-Klemm-Straße, Münster)

### Thursday, May 1<sup>st</sup>:

#### **Session 1: 9:00-10:30**

**Welcome and opening address (9:00-9:20)**

**Prof. Gerhard Erker**  
**Prof. ???**

**9:20-9:50**

**Prof. Kazuyuki Tatsumi**

*“Activation of Small Molecules by Coordinatively Unsaturated  
Organometallic Thiolate/Carbene Complexes”*

**9:50-10:10**

**Philipp Böckmann**

*“title”*

**10:10-10:30**

**Coffee Break**

## Session 2: 10:30-11:50

- 10:30-11:00**      **Prof. Bernhard Wunsch**  
*“Quinoxaline Based Peripheral kappa Receptor Agonists “*
- 11:00-11:20**      **Shota Kuwabara**  
*“Determining Molar Absorbance Coefficients of Single-Walled Carbon Nanotubes”*
- 11:20-11:50**      **Prof. Kaname Kanai**  
*“Study on electronic structure of electronic functional organic materials by electron spectroscopy”*
- 11:50-14:00**      **Lunch break (Mövenpick Hotel Münster)**

## Session 3: 14:00-15:40

- 14:00-14:30**      **Prof. Yoshihito Watanabe**  
*“Coordination chemistry on protein super structures”*
- 14:30-14:50**      **Benedikt Neue**  
*“Synthesis and reactions of Diazaheptatrienyl-metal-compounds”*
- 14:50-15:20**      **Prof. Hans-Ulrich Humpf**  
*“Identification and structural elucidation of thermal degradation products of the mycotoxin Ochratoxin A”*
- 15:20-15:40**      **Yoshihiko Kondo**  
*“Preparation, Photocatalytic Activities, and Dye-Sensitized Solar-Cell Performance of Submicron-Scale TiO<sub>2</sub> Hollow Spheres”*



**15:40-17:00**      **Coffee Break and Poster Session**

**17:00-18:30**      **Time for Discussion**

**19:00**              **Joint Dinner (Gasthaus Leve)**

**Friday, May 2<sup>nd</sup>:**

**Session 1: 9:00-10:20**

**9:00-9:30**          **Prof. Shigehiro Yamaguchi**

*“Main Group Approach to New Functional pi-Electron Materials”*

**9:30-9:50**          **Ralph Holl**

*“title”*

**9:50-10:20**        **Prof. Martin Oestreich**

*“A Lesson Learned in Asymmetric Heck Chemistry”*

**10:20-10:50**      **Coffee Break**

## Session 2: 10:50-12:10

- 10:50-11:20**      **Prof. Gerhard Erker**  
*“Metall-free Activation of Dihydrogen“*
- 11:20-11:40**      **Masakazu Nanbo**  
*“Chemical Modification of Fullerene through Rh and Pd Catalysis“*
- 11:40-12:10**      **Prof. Masato Kitamura**  
*“Origin of the Minor Enantiomeric Product in NOYORI Olefin Hydrogenation“*
- 12:10-14:00**      **Lunch**

## Session 3: 14:00-15:50

- 14:00-14:30**      **Prof. Hellmut Eckert**  
*“Synthesis and Structural Characterization of Nitroxide Radicals in Inorganic Layered Host Materials“*
- 14:30-14:50**      **Yuya Hirakawa**  
*“Mechanism of Dehydrative Allylation of Alcohols Catalyzed by [CpRu(h<sup>3</sup>-C<sub>3</sub>H<sub>5</sub>)(2-C<sub>9</sub>H<sub>6</sub>NCOO)]PF<sub>6</sub>“*
- 14:50-15:20**      **Prof. Kentaro Tanaka**  
*“Programmable Array of Metal Complexes on Bio-Inspired Templates“*
- 15:20-15:40**      **Kirsten Spannhoff**  
*“Coordination Chemistry of Bis(N-phenylimino-diphenylphosphoranyl)acetonitrile“*



- 15:40-15:50**      **Closing remarks**
- 15:50-17:00**      **Coffee Break and Poster Session**
- 17:00-19:00**      **Time for discussion**
- 19:30**              **Joint Barbecue at the Institute**