



**The 6th joint seminar**  
**University of Münster - Nagoya University.**

October 2, 3, 2008. Noyori Materials Science Laboratory.

**October 2<sup>nd</sup>.**

- 10:00-10:10** Opening address: Prof. Kazuyuki Tatsumi  
**10:10-10:20** Welcome Address : Prof. Iwao Ohmine (Vice President, Nagoya Univ.)  
**10:20-10:40** Congratulatory Address: Mrs. Marie-Luise Legeland  
(DFG)

**Chair: Associate Prof. Ryo Kitaura**

**10:40-11:10** Prof. Ernst-Ulrich Würthwein

“Oxiranylcarbaldimines: Multifunctional Building Blocks for Stereoselective Synthesis”

**11:10-11:25** Mr. Benedikt Neue

“Synthesis and Reaction of Diazaheptatrienyl Metal Compounds.”

**11:25-11:45** Assistant Prof. Hiroshi Naka

“TMP-aluminate as a Chemoselective Base: Its Design, Function and Reaction Mechanism.”

**11:45-12:15** Prof. Bernhard Wunsch

“Synthesis and pharmacological evaluation of pyrazole based sigma receptor ligands. ”

\*\*\*\*\* **12:15-13:30 Lunch** \*\*\*\*\*

**Chair: Prof. Bernt Krebs and Prof. Kazuyuki Tatsumi**

**13:30-14:45** Special guest: Prof. Akio Yamamoto

“East meets west. On the progress of chemistry and chemical industry in Japan and in the west.”

\*\*\*\*\* **14:45-15:00 Coffee Break** \*\*\*\*\*

**Chair: Prof. Masato Kitamura**

**15:00-15:20 Associate Prof. Hiroshi Nakajima**

“Purification and Structural Analysis of Vanadium Nitrogenase Regulating Protein in *Azotobacter vinelandii*”

**15:20-15:35 Mr. Jochen Niemeyer**

“Ferrocene-salimines - the planar chiral analogues of the salicylaldimine ligand family.”

**15:35-15:50 Mr. Kouki Akaike**

“Electronic Structure of Organic Materials and Interfaces Related to Organic Solar Cells.”

\*\*\*\*\* 15:50-16:10 Coffee Break \*\*\*\*\*

**Chair: Prof. Bernhard Wunsch**

**16:10-16:40 Prof. Frank Glorius**

“Investigation of C-H activations and other reactions.”

**16:40-16:55 Mr. Tsubasa Hatanaka**

“C-H Bond Activation of Heteroarenes Mediated by a Half-Sandwich Iron Complex of N-Heterocyclic Carbene.”

**October 3<sup>rd</sup>.**

**Chair: Prof. Kenichiro Itami**

**10:00-10:30 Prof. Martin Oestreich**

“Chirality at Silicon as a Stereochemical Probe in Reduction Chemistry.”

**10:30-10:45 Mr. Hendrick Klare**

“A Silicon-Stereogenic Silylium Ion.”

**10:45-11:05 Prof. Kentaro Tanaka**

“Hierarchical molecular architecture by coordination chemistry .”

\*\*\*\*\* 11:05-11:30 **Coffee Break** \*\*\*\*\*

**Chair: Prof. Martin Oestreich**

**11:30-11:50 Assistant Prof. Atsushi Wakamiya**

“Peripheral pi-Conjugation in Boracycles: Dianionic Species of Dithieno- and Dibenzo Annulated 1H,2H-1,2-Diborins.”

**11:50-12:20 Prof. Armido Studer**

“Functionalized Cyclohexadienes in Synthesis. ”

**12:20-12:35 Ms. Julia Hederer**

“Modification of Silicon Surfaces.”

\*\*\*\*\* 12:35-14:30 **Lunch and poster session** \*\*\*\*\*

**Chair: Assistant Prof. Hirofumi Yoshikawa**

**14:30-15:00 Prof. Gerhard Erker**

“Cp-metal Complexes with a Pendent Lewis Acid Functionality.”

**15:00-15:15 Mr. Ingo Greger**

“The chemistry of olefin moieties in the sidechain of metallocenes. ”

**15:15-15:35 Prof. Kunio Awaga**

“Network Structures and Functional Properties of Heterocyclic Compounds Containing Nitrogen and Sulfur”

**15:35-15:50 Mr. Wilhelm Hemme**

“Characterization of Inorganic-Organic Hybrid Systems by NMR-Spectroscopy.”

\*\*\*\*\* 15:50-16:10 Coffee Break \*\*\*\*\*

**Chair: Prof. Gerhard Erker**

**16:10-16:40 Prof. Bart-Jan Ravoo**

“Sweet supramolecular chemistry: sugars as hosts and guests.”

**16:40-17:00 Assistant Prof. Tsuyoshi Matsumoto**

“Chalcogenide-Bridged Ru-Ge Dinuclear Complexes: Protonation Effects upon Structures and Reactions.”

**17:00-17:15 Ms. Ines Ferse**

“Structure elucidation and toxicity of thermal degradation products of T-2 toxin.”

**17:15- Closing Remarks : Prof. Gerhard Erker**

**18:00- Reception ( Restaurant “Hana-no-ki ” )**