



The 15th Joint Seminar **University of Münster - Nagoya University**

May 20 - 21, 2013. Noyori Materials Science Laboratory.

May 20th

10:00- Opening address: Prof. Shigehiro Yamaguchi

Chair: Prof. Shigehiro Yamaguchi

10:05-10:35 Assoc. Prof. Osami Shoji

“Use of enzyme malfunction for small alkane hydroxylation”

10:35-11:05 Prof. Bart-Jan Ravoo

“Soft and responsive materials based on cyclodextrin vesicles”

***** **11:05-11:20 Coffee Break** *****

Chair: Asst. Prof. Shinichiro Kawano

11:20-11:35 Mr. Till Böckermann (Ravoo group)

“Synthesis and Properties of new fluorinated Cyclodextrins ”

11:35-11:50 Mr. Benjamin Vonhören (Ravoo group)

“Thiol-Ene Click Chemistry for the synthesis of covalently linked multilayers with redox molecules”

11:50-12:05 Ms. Nozomi Mihara (Tanaka Group)

“Triply Stacked Array of Porphyrins and Phthalocyanine via Stepwise Formation of Four-fold Rotaxane and Ionic Complex”

***** **12:05-14:00 Lunch** *****



Chair: Assoc. Prof. Yasushi Tamura

14:00-14:30 Prof. Frank Glorius

“Asymmetric arene hydrogenation”

14:30-15:00 Assoc. Prof. Tsuyoshi Matsumoto

“Model Studies on Nickel Enzymes Relevant to Autotrophic Carbon Fixation”

***** **15:00-15:15 Coffee Break** *****

Chair: Asst. Prof. Daisuke Yokogawa

15:15-15:30 Ms. Eva Koch (Studer group)

“Regioselective Threefold Aromatic Substitution of Benzoic Acid Derivatives by Dearomatization, Regioselective Functionalization and Rearomatization”

15:30-15:45 Ms. Eriko Yamaguchi (Yamaguchi Group)

“Unusual Solvent Effect on Luminescent Properties of Benzophosphole Oxides: Control of the Excited State Dynamics”

15:45-16:00 Mr. Steffen Eusterwiemann (Studer group)

“On the way to Organic Magnets: Synthesis and Characterization of Nitronyl-Nitroxide Polyradicals”

16:00-16:45 *Poster Session*

16:45- 17:15 Mini Piano Concert

Chihiro Nanjo (Awaga group)

Brahms “Rhapsody Op.79-1”

Yoshio Nishimoto (Irle group)

The World of Disney, Disney medley



May 21st

Chair: Assoc. Prof. Yukio Ohuchi

10:00-10:30 Prof. Ernst-Ulrich Würthwein

“Various Synthetic Approaches towards Oligo- and Polynitriles”

10:30-10:45 Mr. Matthias Dahlkamp (Würthwein group)

“Synthesis of Thiazolidines *via* Hydroalumination of unsaturated Nitrogen containing Compounds”

10:45-11:15 Prof. Mizuki Tada

“Surface-Mediated Catalysis on Oxide-Supported Metal Catalysts”

***** 11:15-11:30 Coffee Break *****

Chair: Assoc. Prof. Yasuhiro Ohki

11:30-12:00 Assoc. Prof. Michio Matsushita

“Investigations on functional materials derived from organic radicals”

12:00-12:15 Mr. Yongfa Xie (Awaga group)

“Synthesis, Optical Properties, and Charge Transport Characteristics of Novel Fused Polyaromatic Molecules Having Specific Intermolecular Interaction”

***** 12:15-14:00 Lunch *****

Chair: Assoc. Prof. Junichiro Yamaguchi

14:00-14:30 Prof. Gerhard Erker

“Chemistry of the Zirconacycloalleneoids”

14:30-15:00 Asst. Prof. Hiroshi Naka

“Oxy-functionalization of Alkynes Catalyzed by Cobalt Porphyrins”



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***** 15:00-15:15 Coffee Break *****

Chair: Asst. Prof. Aiko Fukazawa

15:15-15:30 Mr. Andreas Feldmann (Erker group)

“Chemistry of Unsymmetrically Substituted Tetraarylphospholes”

15:30-15:45 Mr. Kazuhiro Hata (Itami group)

“Palladium Catalyzed Carboxyarylation of Benzofurans with Arylboronic Acids and Carboxylic Acids”

15:45-16:00 Mr. Dominik Bergmann (Humpf group)

“Synthesis of stable isotopically labeled Fusarium mycotoxins”

16:00- Closing Remarks : Prof. Gerhard Erker

· · · Labo Tour for the Münster students · · ·

18:00-19:30 Reception

(Restaurant “Hananoki”)