



The 8th joint seminar University of Münster - Nagoya University.

September 28, 29, 2009. Noyori Materials Science Laboratory.

September 28th

- 10:00-** Opening address: Prof. Kazuyuki Tatsumi
10:05- Congratulatory Address: Dr. Iris Wieczorek (Director, DFG office, Japan)

Chair: Prof. Kazuyuki Tatsumi

10:10-10:30 Prof. Hisanori Shinohara

“Putting Atomic Nanowires into Carbon Nanotubes”

10:30-11:00 Prof. Helmut Eckert

“Synthesis and Characterization of Inclusion Compounds of Nitroxide Radicals in Inorganic Hosts.”

***** **11:00-11:20 Coffee Break** *****

Chair: Associate Prof. Stephan Irle

11:20-11:50 Prof. Ernst-Ulrich Würthwein

“Dihydropyrrolimines: Rigid Building Blocks for Novel Chromophores and Macrocycles.”

11:50-12:05 Mr. Benedikt Neue

“Synthesis and Reaction of Diazapolyenyl metal compounds and related Boron-Nitrogen compounds.”

12:05-12:20 Mr. Matthias Quick

“NMDA Receptor Antagonists: Asymmetric Synthesis of 3-substituted 2-benzazepines”

***** **12:20-14:00 Lunch** *****

Chair: Assistant Prof. Osami Shoji

14:00-14:20 Prof. Kenichiro Itami

“New Catalysis Leading to Privileged Organic Structures.”



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14:20-14:35 Ms. Christina Meyer

“Synthesis of New sigma Receptor ligands through Arylation of Spirocyclic Thiophenes. ”

14:35-15:05 Prof. Bernhard Wunsch

“NMDA Receptor Antagonists Derived from Dexoxadrol. ”

15:05-15:20 Mr. Christian Wiese

“Development of an [18F] PET Tracer for Imaging of Sigma1 Receptors. ”

***** **15:20-15:50 Coffee Break** *****

Chair: Associate Prof. Yukio Ohuchi

15:50-16:20 Prof. Hans-Ulrich Humpf

“Isolation, structure elucidation and intestinal metabolism of procyanidins. ”

16:20-16:35 Mr. Kengo Miyata

“A New sp²N-Based Bidentate Ligand Naph-diPIM and its Behavior of Metal Complexes. ”

16:35-16:50 Mr. Achim Bruch

“Memory of Axial Chirality in Aryl Radical Phospanylations. ”

16:50-17:10 Assistant Prof. Shinichiro Kawano

“Synthesis of Macrocyclic Metal Complexes Directed Toward Nano-porous Soft Materials. ”



September 29th

Chair: Prof. Kentaro Tanaka

10:00-10:20 Associate Prof. Tohru Yoshihisa

“Intracellular dynamics of tRNA – mechanism of tRNA import into the nucleus.”

10:20-10:50 Prof. Bart-Jan Ravoo

“Supramolecular Chemistry with Carbohydrates.”

10:50-11:05 Mr. Marcel Harhausen

“Synthesis and Application of Heterobimetallic Catalysts and Hydroboration Reactions of N,N,N-Chelate Compounds.”

***** **11:05-11:25 Coffee Break** *****

Chair: Associate Prof. Susumu Saito

11:25-11:55 Prof. Armido Studer

“Nitroxides as mild oxidants in synthesis.”

11:55-12:10 Ms. Sylvia Kirchberg

“Stereoselective Palladium-Catalyzed Carboaminoxylations of Protected Indoles. ”

12:10-12:25 Ms. Kalaivani Ramanathan

“Engineered Cyt c552, a promising mimic of peroxidases with thermal stability.”

***** **12:25-14:30 Lunch and poster session** *****

Chair: Associate Prof. Yasuhiro Ohki

14:30-15:00 Prof. Gerhard Erker

“Some Unusual Acetylide Coupling Reactions.”

15:00-15:15 Ms. Mayumi Sakamoto

“Heterolysis of H₂ and Catalytic Hydrogenation of C=O and C=N Bonds Mediated by Coordinatively Unsaturated Rhodium and Iridium Thiolate Complexes. ”



15:15-15:30 Ms. Sina Schwendemann

“P/B-Frustrated Lewis Pairs in Hydrogenation reactions.”

******* 15:30-15:50 Coffee Break *******

Chair: Prof. Gerhard Erker

15:50-16:20 Prof. Martin Oestreich

“Allylation Chemistry Revisited.”

16:20-16:40 Associate Prof. Michio M. Matsushita

“Giant negative magnetoresistance observed on TTF-based organic donor radicals.”

16:40- Closing Remarks : Prof. Gerhard Erker

18:00- Reception (Restaurant “Universal Club”)