



The 3rd joint seminar
Münster University - Nagoya University.

April 19, 20, 2007. Noyori Materials Science Center.

April 19th.

Chair: Prof. Kazuyuki Tatsumi

14:00-14:05 Welcome Address : Prof. Shin-ichi Yamamoto (Vice President, Nagoya Univ.)

14:05-14:10 Congratulatory Address: Mrs. Kumiko Tansho
(Head, Research Cooperation Division II, JSPS)

Chair: Prof. Masato Kitamura

14:15-14:40 Prof. Ernst- Ulrich Würthwein

“Novel compounds with C=N –Subunits: Synthesis, Structures, Reactivity.”

14:40-15:00 Assistant Prof. Atsushi Wakamiya

“Functional π Electron Materials with Boron. ”

15:00-15:25 Prof. Bernhard Wunsch

“Synthesis of NMDA and sigma Receptor Ligands by Lipase Catalyzed
Enantioselective Desymmetrization.”

15:25-15:45 Prof. Kazuhiko Seki

“Electronic structures of vacant levels in organic solids and ionic liquids studied
by inverse photoemission spectroscopy.”

***** **15:45-16:15 Coffee Break** *****

Chair: Prof. Bernhard Wunsch

16:15-16:30 Mr. Ralph Holl

“Synthesis and Biological Activity of 6, 8- Diazabicyclo[3.2.2]nonanes.”

16:30-16:50 Assistant Prof. Toshiki Sugai

“Development of High-resolution Mobility Measurement System and Structures
and Reactions of Metallofullerenes.”

Chair: Prof. Daisuke Uemura

16:50-17:15 Dr. Roland Fröhlich

“The X-ray laboratory at the Organic-Chemical Institute.”

17:15-17:35 Assistant Prof. Yasuhiro Ohki

“Synthesis of the P-cluster [8Fe-7S] Core of Nitrogenase. ”

17:35-18:00 Prof. Bernt Krebs

“Novel Heteropolymetalates and Their Catalytic Properties. ”



April 20th

Chair: Associate Prof. Kenichiro Itami

10:00-10:25 Prof. Hans-Ulrich Humpf

“New Applications of the CD Exciton Chirality Method: Stereochemical Assignment of Organic Compounds Containing Carboxylic Acid Groups.”

10:25-10:45 Assistant Prof. Masaki Kita

“Studies on the bioactive compounds from symbiotic marine dinoflagellates.”

10:45-11:10 Prof. Armido Studer

“Chemical Modification of Polymers and SAMs Using Radical Chemistry.”

Chair: Prof. Hans-Ulrich Humpf

11:10-11:30 Assistant Prof. Takafumi Ueno

“Designing Protein Assembly for Biomaterials Chemistry.”

11:30-11:55 Prof. Martin Oestreich

“Kinetic Resolution with Silicon-Stereogenic Silanes.”

11:55-12:15 Associate Prof. Kenichiro Itami

“Creation of Functional Materials Based on Catalytic C-H Bond Functionalization.”

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

***** **13:30-14:30 Poster session** *****

Chair: Prof. Armido Studer

14:30-14:45 Mr. Takeshi Murata

“Synthetic Studies on Symbiodinolide.”

14:45-15:05 Mr. Daniel Kracht

“Synthesis and Receptor Affinities of 5-Azamorphanes.”

15:05-15:20 Mr. Mikinao Ito

“Dinuclear Nickel Complexes Modeling the Active Site of Acetyl-CoA Synthase”

Chair: Prof. Yoshihito Watanabe

15:20-15:50 Prof. Gerhard Erker

“[3]Ferrocenophanes in Bio-organometallic Chemistry and Catalysis.”

15:50-16:00 Closing Remarks : Prof. Gerhard Erker

17:30-19:00 Reception (Restaurant “Hana-no-ki ”)