

The Third Symposium in Commemoration of International Exchange Agreement between Faculty of Science, University of Copenhagen, Denmark and Graduate School of Natural Science and Technology, Okayama University, Japan

Thursday, November 22, 2012

Lecture Room 21, Faculty of Science,
Okayama University, Okayama, Japan

Opening

9:00– 9:20

Toshiro Noritsugu (Dean of Graduate School of Natural Science and Technology, Okayama University)
A brief introduction of Graduate School of Natural Science and Technology, Okayama University
Sumio Takahashi (Dean of Faculty of Science, Okayama University)
A brief introduction of Faculty of Science, Okayama University
Jesper Bendix (University of Copenhagen)
A brief introduction of University of Copenhagen, Faculty of Science, and Department of Chemistry
Photo (in front of the Science main building)

Session 1

9:20– 9:50

Stephan P. A. Sauer (University of Copenhagen)
Computational Spectroscopy: From gamma rays to radio frequencies

9:50–10:10

Brigitte Milhøj (University of Copenhagen)
Calculation of EPR hyperfine couplings in Model Systems of Cytochrome P450cam

10:10–10:40

Kenichiro Koga (Okayama University)
Methane in cold and hot water

Coffee break

Session 2

11:00–11:30

Jang Tang (Okayama University)
Infrared Spectroscopy of Molecule Clusters with Hydrogen Molecules Related to Molecular Superfluidity

11:30–11:50

Liv B. Klein (University of Copenhagen)
Non-ergodic photophysics: Coupling of electronic states via the nitrogen inversion mode in amines

11:50–12:10

Anne Stephansen (University of Copenhagen)
The surprising intrinsic photostability of the disulfide bridge – a femtosecond time-resolved study

12:10–12:40

Theis Sølling (University of Copenhagen)
Femtosecond time resolved studies of non-statistical behavior in photochemical and photophysical processes.

Lunch

Session 3

13:40–14:10

Hideki Okamoto (Okayama University)
Synthesis, structure, and photoreactions of azacyclophanes

14:10–14:40

Michael Pittelkow (University of Copenhagen)
Synthesis and properties of heterocyclic [8]circulenes and helicenes

14:40–15:00

Micke Lisbjerg (University of Copenhagen)
Dynamic combinatorial chemistry of dendrimers in water

15:00–15:30

Masayuki Iwasaki (Okayama University)
New catalytic thiolation reactions by palladium complexes

Coffee break

Session 4

15:50–16:20

Nobuyuki Takeyasu (Okayama University)
Three-dimensional nano/micro fabrication with femtosecond laser

16:20–16:40

Yukinari Sunatsuki (Okayama University)
Tetradecanuclear cubic cage complexes with imidazole containing ligands

16:40–17:00

Thorbjørn Morsing (University of Copenhagen)
New carbide complexes: synthesis, electronic structure and reactivity

17:00–17:20

Takayoshi Suzuki (Okayama University)
Tetrazolato-bridged dinuclear complexes: Syntheses and structures

17:20–17:50

Jesper Bendix (University of Copenhagen)
New approaches to molecule-based magnetic materials

Closing

17:50–18:10

Jesper Bendix (University of Copenhagen)
Takayoshi Suzuki (Okayama University)
Concluding remarks

Banquet

18:30–20:30

Okayama University, Peach Union 3F

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