

THESES

- CHIDA, Kensaku
D Sc, Kyoto University
“Electrical Noise Measurements on Non-Equilibrium Quantum Hall System”
Supervisor: Prof KOBAYASHI, Kensuke
15 January 13
- FUKUSHIMA, Tatsuya
D Eng, Kyoto University
“Solid-State NMR Studies on Local and Aggregated Structures of Organic Semiconductor Materials”
Supervisor: Prof KAJI, Hironori
25 March 13
- FURUICHI, Kenji
D Eng, Kyoto University
“Nonlinear Stress Relaxation of Entangled Polymer Chains in Primitive Network Simulation”
Supervisor: Prof WATANABE, Hiroshi
23 July 13
- GONG, Chunjie
D Agr, Kyoto University
“Characterization of Proteins Involved in the Biosynthesis of Eicosapentaenoic Acid in *Shewanella livingstonensis* Ac10”
Supervisor: Prof KURIHARA, Tatsuo
25 March 13
- HAMADA, Shohei
D Pharm Sc, Kyoto University
“Development of Electronically Tuned Nitroxyl Radical Catalysts”
Supervisor: Prof KAWABATA, Takeo
25 March 13
- HASHIMOTO, Sigma
D Eng, Kyoto University
“Syntheses of Polycyclic Aromatic Compounds with Heteroatom Junctions via Tandem Hetero-Friedel-Crafts Reactions”
Supervisor: Prof NAKAMURA, Masaharu
25 March 13
- HISADA, Hiromoto
D Agr, Kyoto University
“Studies on Gene Expression and Promoter Analyses for Protein Production in *Aspergillus oryzae*”
Supervisor: Prof HIRATAKE, Jun
23 May 13
- IMAI, Takeshi
D Agr, Kyoto University
“Studies on Mammalian Selenite Metabolism”
Supervisor: Prof KURIHARA, Tatsuo
25 March 13
- INOUE, Shunsuke
D Sc, Kyoto University
“Femtosecond Electron Deflectometry for Measuring Ultrafast Transient Fields Induced by Intense Laser Pulses”
Supervisor: Prof SAKABE, Shuji
25 March 13
- KAMADA, Mayumi
D Inf, Kyoto University
“Analysis and Prediction Methods for Protein Structure and Function”
Supervisor: Prof AKUTSU, Tatsuya
25 March 13
- KATAYAMA, Sayaka
D Pharm Sc, Kyoto University
“Membrane Accumulation of Arginine-Rich Cell-Penetrating Peptides Promoting Their Membrane Translocation”
Supervisor: Prof FUTAKI, Shiroh
25 March 13
- KAWAMURA, Shintaro
D Eng, Kyoto University
“Development of Iron-Catalyzed Cross-Coupling Reactions with Organoaluminum, magnesium and -zinc Reagents Directed toward Controlled Organic Synthesis”
Supervisor: Prof NAKAMURA, Masaharu
25 March 13
- KIMURA, Hiroshi
D Sc, Kyoto University
“In-situ NMR Study of the Mechanism and Kinetics of Hydrothermal Reactions of Monosaccharides and Oligosaccharides”
Supervisor: Assoc Prof MATUBAYASI, Nobuyuki
25 March 13
- MISHIRO, Kenji
D Pharm Sc, Kyoto University
“Development of Substrate Specific Reactions and Creation of Optically Active Molecules Based on Hydrogen Bonding”
Supervisor: Prof KAWABATA, Takeo
25 March 13
- MORINAKA, Yuta
D Eng, Kyoto University
“Studies on Properties of Endohedral Fullerenes and Development of Fullerene Derivatives for Organic Photovoltaic Devices”
Supervisor: Prof MURATA, Yasujiro
25 March 13
- MUTO, Ai
D Sc, Kyoto University
“Modular Architecture of Metabolic Pathways Revealed by Conserved Sequences of Reactions”
Supervisor: Assoc Prof GOTO, Susumu
24 September 13
- NAKAO, Masao
D Sc, Kyoto University
“Resonance Coupling Induced Enhancement of Indirect Transverse Cooling in a Laser-cooled Ion Beam”
Supervisor: Prof NODA, Akira
23 January 2013

NISHINO, Reiko
D Pharm Sc, Kyoto University
“Development of DMAP Derivatives with an Internal Carboxylate
and Their Catalytic Profile”
Supervisor: Prof KAWABATA, Takeo
25 March 13

SAKAGAMI, Michiyasu
D Sc, Kyoto University
“Studies on Construction of Novel d- π Conjugated Systems
Reflecting Unique Properties of Low-Coordinated Heavier
Group 15 Elements”
Supervisor: Prof TOKITOH, Norihiro
26 March 13

SHIMAMURA, Kazutoshi
D Sc, Kyoto University
“Electric Field Control of Magnetic Properties Using Electrical
Double-Layers”
Supervisor: Prof ONO, Teruo
15 January 13

SHINTANI, Megumi
D Sc, Kyoto University
“Interaction and Dynamics of Phospholipid Membranes Studied
by Solution-state NMR and Molecular Dynamics Simulation”
Supervisor: Assoc Prof MATUBAYASI, Nobuyuki
23 May 13

SOUDA, Hikaru
D Sc, Kyoto University
“Efficiency Enhancement of Indirect Transverse Laser Cooling
with Synchro-Betatron Resonant Coupling by Suppression of Beam
Intensity”
Supervisor: Prof NODA, Akira
23 January 13

TANABE, Kenji
D Sc, Kyoto University
“Study on Spin Motive Force Excited in Magnetic Vortices”
Supervisor: Prof ONO, Teruo
15 January 13

UEDA, Yoshihiro
D Pharm Sc, Kyoto University
“Organocatalytic Regioselective Total Synthesis and Functional-
ization of Natural Glycosides”
Supervisor: Prof KAWABATA, Takeo
25 March 13

YAMADA, Masako
D Sc, Kyoto University
“ToF-lens for Focusing Pulsed White Neutron Beam Using
Permanent Magnet Sextupole with Modulation Capability”
Supervisor: Assoc Prof IWASHITA, Yoshihisa
23 January 2013