

# MEETINGS AND SYMPOSIUMS

## **The 4th International Symposium of the Kyoto COE Project “Elements Science”: “Elements Selection Rule and Materials Science” and The 2nd International Symposium of International Research Center for Elements Science**

Organized by TAMAO, Kohei and TOKITOH, Norihiro  
6-7 January 2005 (Kyoto, Japan)

## **Development of 3d Transition-metal Oxides with Oxygen Holes**

Organized by TAKANO, Mikio  
29 January 2005 (Kyoto, Japan)

Assoc Prof AZUMA, Masaki

Kyoto University

“Bi,Pb 3d Transition Metal Perovskites”

Prof WADATI, Hiroki

Tokyo University

“Electronic Structure of  $\text{Bi}_{1-x}\text{La}_x\text{NiO}_3$ ”

Dr MASUNO, Atsunobu

Kyoto University

“Control of Physical Properties of Micro-fabricated Perovskite-type Manganese Oxide Thin Films by Spin-polarized Current”

Prof FUJIMORI, Atsushi

Tokyo University

“Raman Spectroscopy of Fe Perovskite”

Prof OKAMOTO, Yoshihiko

Tokyo University

“Physical Properties of Ir Oxide with Hyper-kagome Lattice,  $\text{Na}_4\text{Ir}_3\text{O}_8$ ”

Dr SAITO, Takashi

Kyoto University

“Introduction and the Substitution Effect of  $\text{SrCo}_6\text{O}_{11}$ ”

Prof MUKUDA, Hidekazu

Osaka University

“Co-NMR Study of  $\text{SrCo}_6\text{O}_{11}$ ”

Dr ISHII, Fumiyuki

National Institute of Advanced Industrial Science and Technology

“First Principle Calculation of  $\text{SrCo}_6\text{O}_{11}$ : Magnetic and Electronic Structures”

Assoc Prof TERASHIMA, Takahito

Kyoto University

“Light Emission from  $\text{SrTiO}_3$ ”

Prof NOHARA, Minoru

Tokyo University

“Metal-insulator Transition and Thermoelectric Properties of  $\text{Sr}_{1-x}\text{Rh}_2\text{O}_4$ ”

Prof TAKEDA, Yasuo

Mie University

“Anomalous Thermal Expansion and Jahn-Teller Effect of  $\text{GdMnO}_3$  Compounds”

Dr YAMAMOTO, Shinpei

Kyoto University

“Synthesis of Solvent-Dispersed  $L1_0$ -FePt Nanocrystals”

Prof KATAYAMA, Naoyuki

Tokyo University

“Superconductivity in Hydrated Layered Transition Metal Sulfides”

Prof ARAI, Yuhki

Tokyo University

“Magnetic Properties of Hydrated Layered Ni Oxide”

## **21st Century COE on Kyoto University Alliance for Chemistry “Fine Organic Synthesis Seminar”**

Organized by KAWABATA, Takeo; TSUBAKI, Kazunori; TOKITOH, Norihiro; OZAWA, Fumiyuki; KOMATSU, Koichi  
4-5 February 2005 (Kyoto, Japan)

### **Oral Presentations**

Prof ISHIIHARA, Kazuaki

Nagoya University

“Catalysts for Dehydration toward the Development of Green Chemical Processes”

Assoc Prof TOMOOKA, Katsuhiko

Tokyo Institute of Technology

“Chemistry of Chiral Small Molecules with No Central Chirality at Carbons”

Dr TAKASU, Kiyosei

Tohoku University

“Rapid and Efficient Synthesis of Multisubstituted Cyclic Compounds: Domino-Reactions, Multi-Component Coupling Reactions, and Organoacid Catalysis”

Prof IWASAWA, Shinji

Tokyo Institute of Technology

“Creation and Reactions of Tungsten-Containing 1,3-Dipoles”

Dr KAN, Toshiyuki

Tokyo University

“Synthesis of Isoquinoline Alkaloids”

Assoc Prof TANINO, Keiji

Hokkaido University

“Development of Advanced Addition Reactions and their Application to Natural Product Synthesis”

Prof SASAI, Hiroaki

Osaka University

“Development of Asymmetric Catalysts with Dual Functional Activation”

Assoc Prof TSUBAKI, Kazunori

Kyoto University

“Fine Organic Synthesis of Chiral Oligonaphthalenes”

Assoc Prof NAKAMURA, Masaharu

Tokyo University

“Development of Catalytic Addition Reactions of Carbonyl Compounds to Simple Alkenes and Alkynes”

Assoc Prof SHINOKUBO, Hiroshi  
Kyoto University  
"Development of New Reactions Promoted in Aqueous Media"

Assoc Prof OI, Shuichi  
Tohoku University  
"Regioselective Substitution of Aromatic C-H Bonds by Aryl Groups Promoted by Transition Metal Catalysts"

Prof NISHIDA, Atsushi  
Chiba University  
"Asymmetric Total Synthesis of Alkaloids with Complex Ring System"

**21st Century COE on Kyoto University Alliance for Chemistry "The 2nd Organoelement Chemistry Seminar"**  
Organized by OZAWA, Fumiyouki; KATAYAMA, Hiroyuki; TOKITOH, Norihiro; TAKEDA, Nobuhiro  
5 March 2005 (Kyoto, Japan)

**Chemistry and Physics of 3d Transition Metal Oxides Equipped with Deep 3d Levels: Search for New Materials and New Functions**  
Organized by TAKANO, Mikio  
20 May 2005 (Kyoto, Japan)

Prof SHIMAKAWA, Yuichi  
Kyoto University  
"Functional Oxides for Future Memory Devices"

Dr SHAMOTO, Shin-ichi  
Japan Atomic Energy Agency Tokai Research and Development Center  
"Nanostructures of Transition Metal Oxides -between Crystal and Amorphous-"

Prof HIROI, Zenji  
Tokyo University  
"Conductivity and Magnetism of Triangular Lattice Materials with Ni<sup>3+</sup>"

Dr FURUBAYASHI, Hiroshi  
Kanagawa Academy of Science and Technology  
"A New Transparent Conductor: Anatase-Ti<sub>1-x</sub>Nb<sub>x</sub>O<sub>2</sub>"

Prof TAKEDA, Yasuo  
Mie University  
"Electrochemical Intercalation-disintercalation of Li and Redox Reactions of Transition Elements in Intercalative Materials"

Prof KANNO, Ryoji  
Tokyo Institute of Technology  
"In-situ Observation of Epitaxial Thin Film Growth and Electrochemical Reactions on Electrode of Lithium Battery"

OBATA, Tuyoshi  
NEC Corporation  
"Development of Fuel Cell for Portable Devices in NEC"

Prof TAKANO, Mikio  
Kyoto University  
"Perovskite Fe<sup>4+</sup> Oxides"

KAWAKAMI, Takateru  
Nihon University  
"Pressure-induced Antiferromagnetic-ferromagnetic Transition of Fe Perovskite Oxides"

SATO, Ken-ichi  
Sumitomo Electric Industries, Ltd.  
"Development and Application of Innovative Bi-based Superconducting Wires"

**21st Century COE for Kyoto University Alliance for Chemistry "Anglo-German-Japanese Biochemistry Meeting"**  
Organized by ESAKI, Nobuyoshi; KURIHARA, Tatsuo; AOYAMA, Yasuhiro  
5-6 September 2005 (Kyoto, Japan)

**Kyoto University COE Program Extension Course "Elements Science in Life and the Future"**  
Organized by TAKANO, Mikio  
1-2 October 2005 (Kyoto, Japan)

**Workshop on Nano Scale Beams (NANOBEAM 2005), 36th ICFA Advanced Beam Dynamics Workshop**  
Organized by NODA, Akira and URAKAWA, Junji  
17-21 October 2005 (Kyoto, Japan)

**49th Regional Meeting of Japan Society of Clinical Chemistry, Kinki Branch, "Genetic Medicine: Current State and View"**  
Organized by TANAKA, Seigo  
29 October 2005 (Kyoto, Japan)

TANAKA, Seigo  
ICR, Kyoto University  
"Genetic Analysis of Neurological Disorders and Gene Diagnosis"

GOTO, Susumu  
Bioinformatics Center, ICR, Kyoto University  
"Genetic Medicine and Bioinformatics"

KAMEDA, Yasushi  
Graduate School of Medicine, Osaka University  
"Gene Therapy: Current State and View"

**Organometallic Seminar XXXIII "A New Trend in Transition-metal-Catalyzed Reactions"**  
Organized by OZAWA, Fumiyouki  
4 November 2005 (Kyoto, Japan)

**Workshop on On-Site Small and Medium Scale Neutron Sources**  
Organized by NODA Akira; KANAYA, Toshiji; IWASHITA, Yoshihisa; SHIMIZU, Hirohiko  
18-19 November 2005 (Kyoto, Japan)

**Pacificchem 2005 Symposium "Chemical Biology: Small Chemical Compounds as Magic Bullets to Elucidate Biological Mechanisms"**  
Organized by OSADA, Hiroyuki; UESUGI, Motonari; LIU, Jun O; VERDINE, Gregory L.; SUZUKI, Masaaki; KWON, Ho Jeong  
16-17 December 2005 (Honolulu, USA)