

SEMINARS

- Prof AKAI, Shuji
Graduate School of Pharmaceutical Sciences, Osaka University,
Osaka, Japan
“Control of Regiochemistry of Benzyne Reactions and the
Mechanistic Study”
9 July 2013
- Prof ALEZRA, Valerie
Universite Paris Sud, Paris, France
“Non Proteinogenic Amino Acids: Asymmetric Synthesis and
Their Use as Building Blocks of Foldamers”
27 September 2013
- Prof AMEDURI, Bruno
Centre National de la Recherche Scientifique, France
“Recent Advances in the Controlled Radical (Co)Polymerization
of Fluoroalkenes”
30 October 2013
- Prof BEGLEY, Tadhg P.
Department of Chemistry, Texas A&M University, U.S.A.
“Molecular Microbial Science Seminar”
28 May 2013
- Assoc Prof CAI, Hongmin
South China University of Technology, China, P.R.
“Feature Selection via Local Hyperplane Approximation”
5 June 2013
- Dr CHANMUANG, Chutimun
Faculty of Gems, Burapha University, Thailand
“Transmission Electron Microscopy and Related Phase Transfor-
mation of the Ag-Cu-Pd Jewelry Sterling”
11 November 2013
- Prof CHEN, Chun-Wei
Department of Materials Science and Engineering, National
Taiwan University, Taiwan
“Tunable Graphene Based Optics, Electronics and Photonics”
1 August 2013
- Prof CHEN, Jwu-Ting
Department of Chemistry, National Taiwan University, Taiwan
“Alternating Ethylene/norbornene Copolymerization Catalyzed
by Organopalladium Complexes Bearing Aminopyridines—An
Unusual Example of Ligand Design Leading to the Control of
Geometric Isomerism-reactivity Relationship”
9 April 2013
- Mr. CHENG, Ran
The University of Texas at Austin, U.S.A.
“Dynamics of Antiferromagnets Driven by Spin Current”
13 June 2013
- Assoc Prof CHESI, Graziano
The University of Hong Kong, China, P.R.
“Equilibria and Stability Investigation in Genetic Regulatory
Networks”
24 May 2013
- Prof COLBY, Ralph
Department of Materials Science and Engineering and Chemical
Engineering, Pennsylvania State University, U.S.A.
“Ionomer Design, Synthesis and Characterization for Ion-
Conducting Energy Materials”
14 May 2013
- Assoc Prof CUTURI, Marco
Graduate School of Informatics, Kyoto University, Kyoto, Japan
“Sinkhorn Distances: Lightspeed Computation of Optimal
Transport”
21 November 2013
- Dr D. A. Swenson
Chief Scientist, ImpartOne Inc., U.S.A.
“Compact Neutron Source based on the RFI Linac Structure”
22 October 2013
“A Possible Design for the Mid-Beta section of the G-2 Muon
Linac”
24 October 2013
- Prof EGERTON, Raymond Frank
Physics Department, University of Alberta, Edmonton, Canada
“Choice of Operating Voltage for a Transmission Electron Micro-
scope”
9 April 2013
- Prof FELDHOF, Armin
Institute of Physical Chemistry and Electrochemistry, Leibniz
University Hannover, Germany
“Perovskite-based Oxygen-transporting Membranes”
6 June 2013
- Prof FUJITA, Tetsuro
Emeritus Professor, Kyoto University, Japan
“Development of Immuno Modulator, FTY720, from Tochukaso”
26 July 2013
- Prof HAINO, Takeharu
Graduate School of Science, Hiroshima University, Hiroshima,
Japan
“Supramolecular Structure and its Function Produce by Inter-
molecular Interaction”
25 January 2013
- Dr HARA, Kenji
Hokkaido University, Japan
“Fabrication of Dense Metal Complex Monolayer on Regulated
Surface and Its Application to Catalyst”
9 January 2013
- Prof HIRATA, Koichi
Kyushu Institute of Technology, Fukuoka, Japan
“Tai Mapping Hierarchy and Variations of Tree Edit Distance”
9 April 2013
- Dr HOSHINA, Hiromichi
Terahertz Sensing and Imaging Laboratory, RIKEN, Japan
“Analysis of Higher-Order Structure of Polymers by Terahertz
Spectroscopy”
3 November 2013

Assoc Prof KOGA, Tadanori
Department of Materials Science and Engineering, Stony Brook University, U.S.A.
“Microscope Architecture and Dynamics of Polymer Chains Adsorbed on Flat and Curved Surfaces”
25 July 2013

Dr KOLAR, Michal
Academy of Sciences of the Czech Republic, Prague, Czech R.
“Graph Alignment of Protein-protein Interaction Networks: From Interactions to Functional Annotation”
7 October 2013

Prof KÜNDIG, Peter
Department of Chemistry, University of Geneva, Switzerland
“New Chiral NHC Ligands for the Catalytic Asymmetric Arylation of Amides and the Enantioselective C(sp³)-H Activation”
17 December 2013

Prof LACÔTE, Emmanuel
CPE Lyon, University of Lyon, France
“NHC-Borane Complexes: From Stabilized Reactive Intermediates to Polymer Synthesis”
11 January 2013

Dr LASZLO, Veisz
Laboratory for Attosecond Physics, Max-Planck Institute of Quantum Optics, Germany
“Generation and Applications of Sub-5-fs Multi-10-TW Light Pulses”
3 July 2013

Dr LI, Dazhi
Institute for Laser Technology, Osaka, Japan
“Progress in Smith–Purcell Free-electron Lasers”
15 February 2013

Dr LIMBACH, Michael
BASF, Germany
“A Catalytic Route to Acrylates from Alkenes and CO₂: The Stuff that are Dreams made of”
16 July 2013

Prof LINGAS, Andrzej
Lund University, Sweden
“Counting and Detecting Small Subgraphs via Equations”
7 May 2013

Prof MACLACHLAN, Mark
The University of British Columbia, Canada
“Spramolecular Origami: Transforming Paper into Twisted Shapes”
17 October 2013

Assoc Prof MAEDA, Hiromitsu
Ritsumeikan University, Japan
“Development of π -Conjugated Molecular Assemblies Based on Ionic Recognition”
5 February 2012

Dr MAN, Yi Yim
The University of Hong Kong, China, P.R.
“Impact of Intrinsic Biophysical Diversity on the Activity of Spiking Neurons”
15 October 2013

Dr MANFRED, Grieser
Permanent Researcher, Group Leader of Accelerators, Ion Sources and Storage Rings. Max-Planck Institute für Kernphysik, Germany
“The Storage Rings at MPI for Nuclear Physics in Heidelberg”
13 March 2013

Prof MARGALIT, Hanah
Faculty of Medicine, The Hebrew University, Israel
“The Multifaceted Impact of Post-transcriptional Regulation by Non-coding RNAs”
11 November 2013

Prof MARTIN, Susana Garcia
Professor Titular, Complutense University, Spain
“Materials for Energy”
25 February 2013

Prof MOCEK, Tomas
HiLASE Project & Dept. of Diode-pumped Lasers, Institute of Physics, Czech R.
“The HiLASE Project: A High Average Power DPSSL Development in the Czech Republic”
2 April 2013

Prof MURAKAMI, Masakatsu
Institute of Laser Engineering, Osaka University, Osaka, Japan
“Proton Acceleration Scheme Using Carbon Nanotubes”
14 June 2013

Dr MUROOKA, Yoshie
Advanced Science Institute, RIKEN, Saitama, Japan
“Ultrafast Structural Dynamics Revealed by Femtosecond Time-Resolved Electron Diffraction”
8 February 2013

Prof NAGASHIMA, Hideo
Institute for Materials Chemistry and Engineering, Kyushu University, Fukuoka, Japan
“Living Radical Polymerization and Hyper-branched Polymer; Homogeneous Catalytic System Inspired by Industry-Academia Partnership”
23 May 2013
“Iron Carbonyl Complexes which Easily Generate Active Species; Utilization in Catalytic Reactions”
27 November 2013

Dr NAITO, Masanobu
National Institute for Materials Science, Japan
“ σ -Conjugated Polysilane: Interface, Chiral, and Exotic Self-Assembly”
5 February 2012

Dr NEDELA, Vilem
Institute of Science Instruments of the ASCR, Czech R.
“Environmental Scanning Electron Microscope for Observation of Live Nature”
16 May 2013

Prof NEIDIG, Michael
University of Rochester, U.K.
“Mössbauer and Magnetic Circular Dichroism Spectroscopy of Iron Coordination Complexes: Theory and Application”
11 March 2013

- Vis Assoc Prof NISHIOKA, Jun
Pan-Okhotsk Research Center, Institute of Low Temperature Science, Hokkaido University, Japan
“The Role of the Subpolar Region in the Material Cycle and Biological Productivity in the North Pacific Ocean”
11 October 2013
- Dr NUSS, Jurgen
Max Planck Institute for Solid State Research Stuttgart, Germany
“Structure Systematics and Geometric Variations in La₂Sb and Related Compounds”
24 June 2013
- Prof OCHIAI, Masahito
Faculty of Pharmaceutical Sciences, The University of Tokushima, Tokushima, Japan
“Chemistry of Hypervalent Bromine: A New Frontier”
15 March 2013
- Prof OHFUNE, Yasufumi
Emeritus Professor, Osaka City University, Japan
“Chemistry of Glutamate Receptor Ligands”
25 October 2013
- Prof RICE, David
The University of Sheffield, U.K.
“Discovery of a Lethal Toxin from the Bacterial Pathogen *Burkholderia pseudomallei*”
2 April 2013
- Dr SARAKONSRI, Thapanee
Faculty of Science, Chiang Mai University, Thailand
“Chemically Prepared Chalcogenide Compounds for Used as Thermoelectric Materials”
8 July 2013
- Dr SCHAPER, Andreas Karl.
Materials Science Center, Philipps University Marburg, Germany
“Microscopy of Organic Fibers and Nanotubes”
19 April 2013
- Prof SHINSHIDO, Kozo
Faculty of Pharmaceutical Sciences, The University of Tokushima, Tokushima, Japan
“Synthesis of Highly Functionalized Bioactive Natural Products”
15 March 2013
- Dr SIRITANON, Theeranun
School of Chemistry, Institute of Science, Suranaree University of Technology, Thailand
“First Observation of electronic Conductivity in Mixed Valence Tellurium Oxides”
20 May 2013
- Dr SUGIMOTO, Kunihisa
Japan Synchrotron Radiation Institute, Japan
“Introduction to Single Crystal Analysis in BL02B1/SPring-8 and Recent Research Topics”
4 March 2012
- Prof SWAGTEN, Henk
Eindhoven University of Technology, Netherlands
“Domain-wall Physics in Perpendicularly Magnetized Devices: Some Recent Developments”
28 May 2013
- Prof ULRICH, Gilles
The National Center for Scientific Research (CNRS), France
“BODIPY and Related Boron Complexes: Versatile Functional Fluorescent Dyes”
21 November 2013
- Dr VERT, Jean-Philippe
The Director of Centre for Computational Biology, Mines ParisTech and the Adjunct Director of Mines ParisTech–Curie Institute–INSERM U900 Joint Laboratory on Bioinformatics and Computational Systems Biology of Cancer, France
“Flip-Flop: Fast Lasso-based Isoform Prediction from RNA-Seq Data”
12 July 2013
- Prof VILA, Laurent
Institut Nanosciences et Cryogénie, CEA Grenoble, France
“Dimensionality Effects on the Magnetization Reversal, Magnetoresistance and Domain Wall Depinning Process in Nanowires”
9 August 2013
- Prof VLASSOPOULOS, Dimitris
IESL-FORTH and Department of Materials Science and Technology, University of Crete, Heraklion, Crete, Greece
“Entanglement Dynamics in Ring Polymers: Recent Progress and Open Challenges”
14 May 2013
- Prof VOLLHARDT, K. Peter C.
University of California at Berkeley, U.S.A.
“Saving the Planet: Toward a Sun-charged Thermal Molecular Battery”
20 May 2013
- Prof WILLIAMS, Robert M.
Colorado State University, U.S.A.
“Asymmetric Synthesis of Amino Acids: Gateway to Alkaloids and Peptides”
18 April 2013
- Prof WILLIARD, Paul
Brown University, Rhode Island, U.S.A.
“Discovery of New Organolithium Aggregates”
27 September 2013
- Prof WINTNER, Ernst
Photonics Institute, Vienna University of Technology, Austria
“Laser Ignition of Engines–Application of Most Recent Laser Development”
26 April 2013
- Prof YAO, Zhu-Jun
School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China, P.R.
“Natural Product-like Mimicry of Annonaceous Acetogenins”
29 November 2013
- Dr YASUDA, Nobuhiro
Japan Synchrotron Radiation Institute, Japan
“Introduction to Micro-Single Crystal Analysis in BL40XU/SPring-8”
4 March 2012
- Dr YASUDA, Nobuyoshi
Merck Research Laboratories, U.S.A.
“The Art of Process Chemistry”
8 April 2013

Dr YOSHIKAI, Naohiko
Nanyang University, Japan
“C–H Bond Functionalization Catalyzed by Cobalt Complexes”
13 February 2013

Prof YU, Jaehoon
Department of Chemistry & Education, Seoul National University,
Korea, R.
“An Apolipoprotein A-I mimetic Peptide Containing a Naphthylala-
nine Residue Enhances Cholesterol Efflux from Macrophage Cells
and Sequesters Oxidized LDL”
18 November 2013