

SEMINARS

Dr ABE, Fumiyoshi
Japan Agency for Marine-Earth Science and Technology, Yokosuka,
Japan
“Analysis of Biological Membrane Dynamics by Using High
Pressure and Fluorescence Depolarization Techniques”
20 October 2009

Prof ACKERMANN, Lutz
Institute of Organic and Biomolecular Chemistry, Georg-
August-Universität Göttingen, Göttingen, Germany
“Transition Metal-Catalyzed Direct Arylations via C-H Bond
Cleavages”
28 September 2009

Dr AOKI, Kazuhiro
Graduate School of Medicine, Kyoto University, Kyoto, Japan
“Quantitative Modeling of Cellular Signal Transduction”
21 May 2009

Assoc Prof ARITA, Makoto
Graduate School of Pharmaceutical Sciences, The University of
Tokyo, Tokyo, Japan
“Metabolomics of Pro-resolution Lipid Mediators”
26 October 2009

Prof ARNASON, Ingvar
University of Iceland, Iceland
“Organosilicon Chemistry in Iceland: Conformations and Complexes”
18 May 2009

Dr AUDIER, Marc
Grenoble Institute of Technology, France,
“Towards a Direct Fabrication of 3D Photonic Crystals!”
13 October 2009

Dr BOWIE, Andrew R
Antarctic Climate & Ecosystems CRC, University of Tasmania,
Australia
“Different Processes Drive Biogeochemical Iron Budgets in the
Subantarctic and Polar Southern Ocean during Summer”
30 March 2009

Prof CHAIRUANGSRI, Torranin
Department of Industrial Chemistry, Faculty of Science, Chiang
Mai University, Chiang Mai, Thailand
“Microstructural Study of Cast Metals in Thailand Using Electron
Microscopy: Current Status and Future Opportunity”
22 May 2009

Prof CHEN, Chun-Wei
Department of Materials Science and Engineering, National
Taiwan University, Taipei, Taiwan
“Nanostructured Metal Oxide/Polymer Hybrid Solar Cells”
10 July 2009

Prof CHEN, Jie-Sheng
School of Chemistry & Chemical Engineering, Shanghai Jiao
Tong University, Taiwan
“Pores Make Difference—Physical-Chemical Interactions inside
the Pores of Microporous and Mesoporous Materials”
15 September 2009

Prof CHEVELKO, Viatcheslav P
P. N. Lebedev Physical Institute of Russian Academy of Sciences,
Russia
“Multiple-electron Loss of Fast Heavy Ions in Collisions with
Neutral Atoms”
9 March 2009

Dr CHOU, Weiren
Fermi National Accelerator Laboratory, USA
“Accelerator Related Activities at Fermilab”
9 July 2009

Prof ERKER, Gerhard
Westfälische Wilhelms-Universität, Germany
“Frustrated Lewis-Pairs: Metal-free Activation of Dihydrogen
and More”
18 September 2009

Prof FERRÉ, Jacques
Laboratoire de Physique des Solides, Université Paris-Sud, Orsay,
France
“Domain Wall Motion in 2D Disordered Media: Creep, Depinning
and Flow Regimes”
11 June 2009

Prof GASTEIGER, Johann
University of Erlangen-Nuremberg, Germany
“Multidimensional Explorations into Biochemical Pathways”
30 November, 2009

Prof GATES, Derek P
University of British Columbia, Canada
“Low-coordinated Phosphorus Chemistry: From Molecules to
Polymers to Controlled Nanoassemblies”
31 August 2009

Prof GENZER, Jan
Department of Chemical & Biology Engineering, North Carolina
State University, USA
“Formation and Application of Multivariant Polymer Brush
Assemblies”
1 June 2009

Dr HASHIZUME, Daisuke
Riken, Japan
“Chemistry Powered by X-Ray Crystal Structure Analysis”
19 June 2009

Prof HUYNH, Vinh H
Department of Chemistry, National University of Singapore
(NUS), Singapore
“Determination of Donor Strengths on a Unified ¹³C NMR Scale
with NHC Complexes and Pyrazole-Based Remote Carbenes as
New Organometallic Ligands”
22 October 2009

Prof ITO, Shinzaburo
Department of Polymer Chemistry, Kyoto University, Kyoto, Japan
“Shapes and Distributions of Polymer Chains at Interfaces”
27 March 2009

- Prof IVANOV, Boris A.
Institute of Magnetism, Nat. Acad. Sci. of Ukraine, and Kiev State University, Ukraine
“High Frequency Magnon Modes for the Vortices in Ferromagnetic and Antiferromagnetic Particles: Structure and Excitation by Pulses of Magnetic Field and Spin-polarized Current”
28 October 2009
- Prof JONES, William D
University of Rochester, USA
“Strong C–H and C–C Bond Cleavage Using Homogeneous Transition Metal Complexes”
25 August 2009
- Prof JUNG, Myung-Hwa
Department of Physics, Sogang University, Seoul, Korea
“Proposal for a New Class of Spin Hall Material”
2 February 2009
- Prof KOST, Daniel
Ben-Gurion University of the Negev, Israel
“Penta- and Hexacoordinate Organosilicon Compounds: a Remarkably Flexible Molecular System”
15 October 2009
- Prof KRAUSE, Norbert
Dortmund University, Germany
“The Power of Gold”
11 November 2009
- Dr KUSMARTSEVA, Anna
Centre for Science at Extreme Conditions, University of Edinburgh
“High Pressure Synthesis and Properties of PbRuO₃”
11 September 2009
- Dr LEMIEGRE, Loic
Ecole Nationale Supérieure de Chimie de Rennes, France
“Archaeal Lipid Analogues: From Synthesis to Gene Delivery”
13 April 2009
- Dr LIU, Zhiping
Chinese Academy of Sciences, Beijing, China
Osaka Sangyo University, Osaka, Japan
“Dynamically Dysfunctional Protein Interactions in the Development of Alzheimer’s Disease”
16 July 2009
- Prof LODGE, Tim
Department of Chemistry and Department of Chemical Engineering & Materials Science
University of Minnesota, Minneapolis, USA
“Block Copolymer Micelles: Equilibrium and Non-equilibrium Assembly”
16 January 2009
- Ms LOMBARDI, Benedetta
University of Rome La Sapienza, Rome, Italy
“Regulation by the COP9 Signalosome of PIC2, a F-box Protein from *Arabidopsis thaliana*”
10 June 2009
- Prof MACHIDA, Tomoki
Institute of Industrial Science, The University of Tokyo, Japan
“Quantum Hall Effect in Graphene”
2 March 2009
- Dr MELE, Giovanni
IBBA Institute, National Research Council of Italy, Rome, Italy
“Does Brevipedicellus, Homeobox Gene, Define Intra-bundle Phloem and Xylem Localization”
6 April 2009
- Dr MELKMAN, Avraham
Computer Science Department, Ben Gurion University, Israel
“Integrating Gene Annotations into Data Analysis”
16 November 2009
- Prof MIYAURA, Norio
Graduate School of Engineering, Hokkaido University, Hokkaido, Japan
“Catalytic Chemistry of Organoboronic Acid”
28 September 2009
- Prof MORRIS, Robert H
Department of Chemistry, University of Toronto, Toronto, Canada
“Moving from Ruthenium Catalysts to Iron Catalysts for the Asymmetric Reduction of Ketones”
20 January 2009
- Assist Prof NAKAGAWA, Masato
Center for iPS Cell Research and Application, iCeMS, Kyoto University, Kyoto, Japan
“iPS Cell Research for Clinical Application”
23 July 2009
- Dr NAKAYA, Akihiro
The University of Tokyo, Japan
“KEGG OC: Automatic Generation of Comprehensive Ortholog Cluster”
27 April 2009
- Dr NG, See-Kiong
Institute for Incomm Research, A*STAR, Singapore
“Unraveling the Building Blocks of Protein-protein Interaction Networks”
20 April 2009
- Dr NICOLOPOULOS, Stavros
NanoMEGAS, Brussels, Belgium
“Precession Electron Diffraction–Phase and Orientation Mapping (“EBSD” Like TEM Technique)”
10 September 2009
- Dr OHIRA, Shino
School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA, USA
“Theoretical Evaluation of the Nonlinear Optical Properties of Extended π -conjugated Chromophores”
29 October 2009
- Prof POEPELMEIER, Kenneth
Northwestern University, USA
“Hydro/solvothermal Chemistry: Targeting Noncentrosymmetric Structures and Other New Materials”
26 May 2009
- Prof RHIE, Kungwon
Display and Semiconductor Physics, Korea University, Chochiwon, Korea
“Landau Level Induced Magnetoswitching Effect in High Mobility Semiconductor System”
2 February 2009

Prof RICHTER, Dieter
Institut für Festkörperforschung, Forschungszentrum Jülich, Germany
“Biomolecular Nanomachines at Work-A Neutron Spin Echo Study”
22 October 2009

Prof ROSSKY, Peter J
University of Texas at Austin, Texas, USA
“Coupling of Environmental and Electronic Dynamics in Excited State Relaxation”
29 June 2009

Prof SATO, Takaya
Department of Materials Engineering, Tsuruoka National College of Technology, Yamagata, Japan
“Novel Polyelectrolyte Membrane Using Polymer Brush Structure and Its Application to Lithium Ionic Battery”
27 March 2009

Dr SMIRNOV, Alexander V
Joint Institute for Nuclear Research, Russia
“Simulation of Laser Cooling Experiments at S-LSR”
2 February 2009
“Crystalline Ion Beams and the Ordered State of Ions”
10 February 2009

Prof SOLOSHONOK, Vadim A
Department of Chemistry and Biochemistry, The University of Oklahoma, Oklahoma, USA
“Self-Disproportionation of Enantiomers: A Manifesto”
22 May 2009

Research Fellow SONG, Jiangning
Monash University, Melbourne, Australia
“Characterizing Substrate Specificity of Proteases Using Machine Learning Techniques”
10 December 2009

Prof STRUNK, Christoph
Institute for Experimental and Applied Physics, University of Regensburg, Regensburg, Germany
“Carbon Nanotubes as a Playground for Quantum Physics: From Band Structure to Splitting Cooper Pairs”
25 May 2009

Prof TAGUCHI, Toshihiro
Department of Engineering, Setsunan University, Japan
“Computer Simulation of Laser Plasma”
26 August 2009

Dr TAKADA, Akihiko
Institute for Materials Chemistry and Engineering, Kyusyu University, Fukuoka, Japan
“Reology of Colloidal Dispersion System”
27 March 2009

Prof TANDON, Poonam
Department of Physics, University of Lucknow, India
“Vibrational Dynamics of a variety of Polymeric Structures”
18 December 2009

Assoc Prof VALIENTE, Gabriel
Technical University of Catalonia, Barcelona, Spain
“Alignment of Trees and Directed Acyclic Graphs in Computational Biology”
20 May 2009

Prof VALMALETTE, Jean-Christophe
Institut Matériaux Microélectronique et Nanosciences de Provence, Université du Sud Toulon Var, Toulon, France
“Which Structure for Very Small Nanoparticles?”
29 October 2009

Dr VERT, Jean-Philippe
Mines ParisTech, Institut Curie, INSERM U900, France
“Global Alignment of Protein-protein Interaction Networks by Graph Matching Methods”
6 July 2009

Prof WANG, Jianbo
Physical Organic and Synthetic Organic Chemistry, Peking University, Beijing, China
“Pd-Catalyzed Reaction of Diazo Compounds”
15 October 2009

Assist Prof WANG, Yong
Chinese Academy of Sciences, Beijing, China
“Probing the Regulatory Networks by Computational Models”
16 July 2009

“Probing the Organizational and Evolutionary Principles of Bio-Molecular Networks by Subnetworks”
10 December 2009

Prof WATANABE, Junji
Department of Organic and Polymeric Materials, Tokyo Institute of Technology, Tokyo, Japan
“Orientations of Polymer Liquid Crystals at Interfaces”
27 March 2009

Prof WU, Chi
Department of Chemistry and Department of Physics, The Chinese University of Hong Kong, China
“How Macromolecules Pass through a Nanopore”
1 May 2009

Assoc Prof WU, Lingyun
Chinese Academy of Sciences, Beijing, China
“Conditional Random Patternal Gorithm for LOH Inference and Segmentation”
10 December 2009

Dr YAMASHITA, Makoto
Daiichi Sankyo Company, Limited, Tokyo, Japan
“Drug Discovery for Influenza Antivirals”
13 March 2009

Dr YOSHIKAWA, Chiaki
International Center for Materials Nanoarchitectonics, National Institute for Materials Science, Ibaraki, Japan
“Novel Biointerface: Size Exclusion Effect and Biocompatibility of Concentrated Polymer Brush”
27 March 2009

Dr ZHU, Shanfeng
Fudan University, China
“Enhancing MEDLINE Document Clustering by Incorporating MeSH Semantic Similarity”
2 February 2009