

SEMINARS

- Dr AMEDURI, Bruno
Ecole Nationale Supérieure de Chimie de Montpellier, France
“Recent Advances in the Controlled Radical Polymerization of Fluorinated Monomers”
1 September 2006
- Prof BALTA-CALLEJA, Francisco J
Instituto de Estructura de la Materia, CSIC, Spain
“Structure Development in Confined Polymer Systems Using X-ray Diffraction Techniques and Nanoindentation Methods”
30 June 2006
- Prof BECKHAM, W. Haskell
Georgia Institute of Technology, USA
“NMR Studies of Cyclic and Threaded Macromolecules”
28 November 2006
- Prof BEPPU, Teruhiko
Nihon University, Tokyo, Japan
“Chemical Approaches to Understanding Biology”
5 October 2006
- Prof BEREK, Dusan
Polymer Institute of the Slovak Academy of Sciences, Slovakia
“Progress in Liquid Chromatography in Synthetic Polymers”
14 April 2006
- Dr BORDNER, Andrew J
Oak Ridge National Laboratory, USA
“Learning from Structure: Predicting Protein-Protein Interfaces and Peptide-MHC Binding Affinities”
30 March 2006
- Prof CHEN, Lih-Juann
Department of Materials Science and Engineering, National Tsing-Hua University, Taiwan
“In-situ Ultrahigh Vacuum Transmission Electron Microscope Investigations of Nanostructures on Silicon”
1 August 2006
- Prof CHO, Hyung-Taeg
Department of Biology, Chungnam National University, Korea
“PINOID Positively Regulates Auxin Efflux from the Cell”
26 May 2006
- Prof CHOU, Li-Jen
National Tsing-Hua University, Taiwan
“Refractory Silicides Nanowires: Interconnect and/or Contact for Future Nanoelectronics and Nanosystems”
12 January 2006
- Prof CRICH, David
University of Illinois at Chicago, USA
“Diastereoselective Glycosylation: Recent Advances”
19 December 2006
- Prof DEVILLANOVA, Francesco A
Departamento di Chimica Inorganica ed Analitica, Università degli Studi di Cagliari, Italy
“The Nature of the Chemical Bond in Linear Three-body Systems: from I_3^- to Mixed Chalcogen/Halogen and Trichalcogen Moieties”
4 October 2006
- Dr DIETRICH, Jürgen
Forschungszentrum Jülich, Germany
“New Experimental Results on Electron Cooling at COSY-Jülich”
7 June 2006
- Dr DREISS, Cecile A
King's College, University of London, UK
“Mixture of Polymers and Small Molecules: Assembling and De-assembling”
18 July 2006
- Prof ELIESER, Shalom
Soreq N. R. C., Yavne, Israel
Madrid Polytechnic University, Madrid, Spain
“Nanoparticles Induced by Femtosecond Lasers”
19 December 2006
- Prof FURUKAWA, Yasu
Nihon University, Graduate School of Bioresource Sciences, Kanagawa, Japan
“History of Polymer Chemistry”
3 August 2006
- Prof GANGULY, Tapan
Department of Spectroscopy, Indian Association for the Cultivation of Science, India
“Attempts for the Productions of Longer-lived Charge Separated Species within Model Donor-acceptor Systems. Compounds of Artificial Photosynthesis and Solar Energy Conversion”
23 August 2006
- Prof GAUVIN, Raynald
Department of Mining, Metals & Materials Engineering, McGill University, Canada
“X-Ray Microanalysis in the Electron Microscope”
23 August 2006
- Prof HIGGINS, Julia S
Imperial College, UK
“Phase Separation in Real and Reciprocal Space”
27 March 2006
- Assoc Prof HIRATA, Takafumi
Graduate School of Science and Engineering, Tokyo Institute of Technology, Tokyo, Japan
“Advance in Mass Spectrometry for Elemental and Isotopic Analysis: Application to Geochemistry and Biochemistry”
6 October 2006

- Dr HORVATH, Tamas
Department of Computer Science III, The University of Bonn, Germany
“Mining and Learning from Graph Structured Data”
9 June 2006
- Prof HWANG, Ildoo
Department of Life Sciences, Pohang University of Science and Technology, Korea
“Recent Progress in Understanding of Cytokinin-Mediated Developmental Control in *Arabidopsis*”
26 May 2006
- Dr ISONO, Erika
Graduate School of Science, The University of Tokyo, Tokyo, Japan
“Spatial-temporal Analysis in Formation and Localization of the 26S Proteasome”
18 May 2006
- Dr ITO, Toshihiko
Toray Research Center, Japan
“Electron Tomography”
13 January 2006
- Prof JAIN, Himanshu
Lehigh University, USA
“Organic-inorganic Hybrid Materials as a Novel Ionic Conductor”
25 July 2006
- Prof KHOMSKII, Daniel I
II Physikalisches Institut, Universitaet zu Koeln, Germany
“Orbitally-Driven Superstructures and Spin Gaps in Spinels and Other Oxides”
14 August 2006
- Dr KIKUTANI, Eiji
High Energy Accelerator Research Organization (KEK), Ibaraki, Japan
“KEKB and Its Future Plan Super KEKB”
14 December 2006
- Prof KIM, Gyung-Tae
Division of Plant Biotechnology, Dong-A University, Korea
“Genetic Analysis of DRL1 (Elongator-Associated Protein) and Holo-Elongator Subunits in *Arabidopsis*”
26 May 2006
- Prof KITAHARA, Takeshi
Teikyo Heisei University, Tokyo, Japan
“Lessons from the History of ‘MONOZUKURI’”
22 June 2006
- Prof KLEIN, Michael L
Laboratory for Research on the Structure of Matter, University of Pennsylvania, USA
“Nothing Amuses More Harmlessly Than Computation ...”
16 June 2006
- Dr KONOKI, Keiichi
Graduate School of Science, Osaka University, Toyonaka, Japan
“Studies on Structure and Function of the Voltage-gated Sodium Channels in *Myaarenaria* Resistant to Paralytic Shellfish Poisoning”
20 July 2006
- Prof KOTORA, Martin
Department of Organic and Nuclear Chemistry, Faculty of Science, Charles University, Praha, Czech R.
“Relation between Cleavage and Formation of C-C Bonds”
9 November 2006
- Prof KRIVANEK, Ondrej
Nion, USA
“Probing Atoms In-situ by Aberration-corrected Scanning Transmission Electron Microscopy”
11 September 2006
- Prof KURODA, Reiko
Graduate School of Arts and Sciences, The University of Tokyo, Japan; A Executive Member of Council for Science and Technology Policy, Japan
“The Third Science and Technology Basic Plan—Fundamental Research, Universities and Innovation”
29 September 2006
- Prof LI, Yuan-Hui
School of Ocean and Earth Science and Technology, University of Hawaii, USA
“Conversion of Organic Nitrogen into N₂ in the Ocean. Where Does It Happen and How?”
3 April 2006
- Prof LIN, King-Fu
Department of Materials Science and Engineering, National Taiwan University, Taiwan
“Fabrication of the Organic/Inorganic Hybrid Nanostructures via Self-assembly of Amphiphilic Light Emitting Molecules”
2 June 2006
- Prof LIU, Hung-wen
College of Pharmacy, University of Texas at Austin, USA
“Learning Nature’s Strategies for Making Unusual Sugars”
6 July 2006
- Prof MA, Shengming
Shanghai Institute of Organic Chemistry, China
“Control of Regio- and Stereoselectivity of Electrophilic Addition of Allenes”
8 November 2006
- Prof MAI, Trong Nhuan
VNU, Vietnam
“PCB Distribution in Vietnam Coastal Areas and Its Significance for Environmental Chemistry and Geochemistry”
2 December 2006
- Dr MATSUZAKI, Teiichiro and Dr WATANABE, Isao
Nishina Center, RIKEN, Saitama, Japan
“Muon Studies on Solid State Physics at the RIKEN-RAL Muon Facility—For Collaborating between ICR and RIKEN”
5 October 2006
- Prof MCNAMARA, Pam
Optical Fibre Technology Centre, University of Sydney, Australia
“Black Art to Semi-science—Glass-Making for Photonics—”
16 October 2006
- Prof MESHKOV, Igor N
Joint Institute for Nuclear Research, Dubna, Russia
“New Advances in Beam Cooling”
7 June 2006

Prof MICHL, Josef
University of Colorado at Boulder, USA
“Advances in the Organic Chemistry of Carborane Anions and Radicals”
29 May 2006

Prof MILES, Mervyn John
Physics Department, University of Bristol, UK
“Video-rate AFM”
12 September 2006

Assoc Prof MORITA, Akihiro
Research Center for Computational Science, Institute for Molecular Science, Aichi, Japan
“Theory of Sum Frequency Generation Spectroscopy”
26 January 2006

Prof MUIR, Thomas
Biochemistry and Structural Biology, Rockefeller University, USA
“Assembling and Disassembling Proteins with Light”
9 November 2006

Prof NAGAO, Yoshimitsu
The University of Tokushima, Tokushima, Japan
“Asymmetric Induction Based on Non-Covalent Interactions”
26 July 2006

Prof NAKATANI, Yoshinobu
University of Electro-Communications, Japan
“Simulation of the Current-Induced Domain Wall Motion”
28 April 2006

Dr OKANO, Yasuaki
Institute of Laser Engineering, Osaka University, Japan
“Generation of Quantum Beam Induced by Femtosecond Laser and Its Application”
30 August 2006

Prof OZAKI, Norio
Graduate School of Medicine, Nagoya University, Nagoya, Japan
“Understanding Mental Disorders”
11 August 2006

Prof PARK, Je-Geun
Physics Department, Sung Kyun Kwan University, Korea
“Exploring New States of Matter Using Neutron Scattering”
18 August 2006

Prof PAULUS, Werner
Université de Rennes 1, France
“Non-stoichiometric Oxides”
21 July 2006

Dr PIODA, Alessandro
The University of Tokyo, Japan
“Local Spectroscopy of Quantum Dots”
1 December 2006

Dr PYUN, Jeffrey
University of Arizona, USA
“Magnetic Nanocomposites Composed of Metallic Colloids and Functional Polymer”
14 April 2006

Prof QU, Li-Jia
College of Life Science, Peking University, China
“Auxin Methylation and Leaf Development”
10 August 2006

Prof RUANO, Garcia
Universidad Autonoma de Madrid, Spain
“Stereocontrolled Reactions Mediated by Remote Sulfoxides: Formation and Reactivity of Enantiomerically Pure Benzylic Centers”
21 August 2006

Dr SAITO, Kenji
High Energy Accelerator Research Organization (KEK), Ibaraki, Japan
“Development of Superconducting Rf Cavity at ILC”
14 September 2006

Dr SCHAPER, Andreas
Material Sciences Centre, Philipps University of Marburg, Marburg, Germany
“Structure Evaluation of Radiation-Sensitive Nanosized Materials Using Low-Dose and Cryo-Electron Microscopy”
25 September 2006
“Scrolls—A Special Type of Carbon Nanostructures”
27 September 2006

Prof SCHAUMANN, Ernst
Technical University of Clausthal, Germany
“Silicon Migration as a Useful Tool in Organic Synthesis”
30 August 2006

Prof SCHRAUZER, N. Gerhard
University of California, San Diego, USA
“The Mechanism of Biological Nitrogen Fixation”
7 December 2006

Prof SCHULTZ, G. Peter
The Scripps Research Institute, USA
“New Opportunities at the Interface of Chemistry and Biology”
16 November 2006

Prof SESSLER, Andrew M
Lawrence Berkeley National Laboratory, USA
“A Century of Particle Accelerators”
1 November 2006

Prof SHEVELKO, Viatcheslav P
P. N. Lebedev Physical Institute, Russia
“Works on Atomic Physics Being Done at HIMAC (Chiba) and Lebedev Physical Institute (Moscow)”
20 November 2006

Prof SHISHIDO, Kozo
The University of Tokushima, Tokushima, Japan
“Total Synthesis of Hybrid Natural Products with Biological Activity”
26 July 2006

Dr SMIRNOV, Alexander V
Joint Institute for Nuclear Research, Dubna, Russia
“Simulation of Crystalline Beams in Storage Rings Using Molecular Dynamics Technique”
30 January 2006
“Dependence of Cooling Time on Dispersion in Electron Cooling Section”
2 February 2006

Prof SMOLA, Alex J.
National ICT Australia, Australia
“Maximum Mean Discrepancy for Distribution Testing”
13 October 2006

Prof STROBL, Gert
Physicalisches Institut, Albert-Ludwigs-Universitaet, Germany
“A Multiphase Scheme Treating Polymer Crystallization and Melting”
24 April 2006

Prof STUDER, Armido
Westfälische Wilhelms University, Germany,
“Nitroxides in Synthesis, Polymer Chemistry, and for the Modification of Surfaces”
23 October 2006

Vice-Director TABATA, Satoshi
Kazusa DNA Research Institute, Chiba, Japan
“Molecular and Genetic Analyses by DNA Markers of Leguminous Plants”
23 March 2006

Dr TANAKA, Hirofumi
Research Center for Molecular-scale Nanoscience, Institute for Molecular Science, Japan
“Fabrication of Nanostructure and Nano-device by Organic Molecules”
18 July 2006

Assoc Prof TAUNTON, Jack
Cellular & Molecular Pharmacology, University of California, San Francisco, USA
“Chemical Inhibitors of Signaling and Secretion: Intelligent Design vs. Natural Selection”
26 July 2006

Prof THIERRY, Annette
Institute Charles Sadron, CNRS, France
“Investigation of Twinned Single Crystals of Isotactic Poly(vinyl-cyclohexane) via Electron Microscopy”
12 September 2006

Prof Em TOKUMARU, Katsumi
Department of Chemistry, Graduate School of Science, University of Tsukuba, Tsukuba, Japan
“Room Temperature Phosphorescence EL Materials”
7 December 2006

Dr TURAN, Gyorgy
University of Illinois at Chicago, USA
“Remarks on Learning and Commonsense Reasoning”
9 June 2006

Prof URABE, Shinji
Graduate School of Engineering Science, Osaka University, Osaka, Japan
“Ion Trap and Laser Cooling and Their Applications”
28 July 2006

Dr WANG, Xuhui
Delft University of Technology, Delft, The Netherlands
“Magnetization Dynamics in Metallic Nano-Structures”
28 August 2006

Prof WATANABE, Junji
Tokyo Institute of Technology, Tokyo, Japan
“Study on Biological Nano-scaled Periodical Structures and Their Use for Materials Science”
25 July 2006

Prof WATANABE, Naoharu
Department of Applied Biological Chemistry, Faculty of Agriculture, Shizuoka University, Shizuoka Japan
“Floral Scent Synthesis and Emission in Plants”
13 November 2006

Prof WOLF, Bernhard
University of Mainz, Germany
“Polymer/Polymer Interaction: Consistent Modeling in Terms of Chain Connectivity and Conformational Response”
14 April 2006

Dr WU, Ming-Chien
Department of Chemical Engineering, National Cheng Kung University, Tainan, Taiwan
“Polymorphism, Crystal Phase Transition and Spherulite Patterns in Semicrystalline Polyesters: Poly(butylene adipate) and Poly(heptamethylene terephthalate)”
1 July 2006

Prof YAMAMURA, Syousuke
Keio University, Tokyo, Japan
“Crosstalk between Biology and Natural Product Chemistry”
27 April 2006

Prof ZHANG, Ze
Institute of Microstructure and Property of Advanced Materials, Beijing University of Technology, China
“High Resolution Electron Microscopy Study of Some Low-dimensional Materials”
26 September 2006