

SEMINARS

Prof DAVIES, Geoff
Department of Physics and Astronomy, The University of Leeds,
Leeds, United Kingdom
"Electrostriction in Polar Elastomers for Artificial Muscles"
Friday 12 January 2001

Prof SIEGEL, Jay8989 S.
Department of Chemistry, University of California, San Diego,
U.S.A.
"Topological Motivations in Metal Coordination Chemistry"
Monday 15 January 2001

Prof JOHNSON, John E.
Department of Molecular Biology, The Scripps Research Institute,
La Jolla CA, USA
"Structure and Dynamics of RNA and DNA Viruses"
Tuesday 16 January 2001

Prof KAWAKAMI, Yusuke
Graduate School of Materials Science, Japan Advanced Institute
of Science and Technology, Japan
"Molecular Design of Si-Containing Polymers"
Tuesday 16 January 2001

Prof BEKAROGLU, Ozer
Technical University of Istanbul, Turkey
"Phthalocyanines Containing Macrocycles"
Friday 19 January 2001

Prof ZHAO, Kongshuang
Department of Chemistry, South China Normal University,
Guangzhou, P. R. China
"Dielectric Studies on Molecular Organized Assemblies and
Dispersion Systems"
Friday 19 January 2001

Dr CHERNOGUHOVSKY, Michael A.
RCNP, Osaka University, Japan
"Optimal RF Control at Transient Beamloading"
Thursday 1 February 2001

Dr Per Bo Zetterlund
Faculty of Engineering, Osaka City University, Osaka, Japan
"The Use of Radical Concentrations in the Study of High Con-
version and Copolymerization Systems"
Friday 2 February 2001

Prof TORRES, Tomas
Department of Organic Chemistry, The Autonomia University of
Madrid, Spain
"Towards Metallophthalocyanine-Based Molecular Materials"
Wednesday 2 February 2001

Prof YAMADA, Bunichiro
Faculty of Engineering, Osaka City University, Osaka, Japan
"Common Sense and New Development of Radical Polymeriza-
tion"
Friday 2 February 2001

Prof KISO, Makoto
Department of Applied Bioorganic Chemistry, Gifu University,
Gifu, Japan
Investigating the function of sugar chain by using ganglioside
as a probe
Monday 5 February 2001

Assoc Prof KIMURA, Tsunehisa
Department of Industrial Chemistry, Tokyo Metropolitan Uni-
versity, Japan
"Orientation of Polymers under a High Magnetic Field"
Friday 9 February 2001

Prof TYKWINSKI, Rik
Department of Chemistry, University of Alberta, Canada
"Migrating Alkynes: A New Route to Carbon-rich Rings, Rods,
and Spheres"
Wednesday 21 February 2001

Assoc Prof ARIE, Tsutomu
Tokyo University of Agriculture and Technology
Control of the soil disease with non-fungicidal agent and mecha-
nism of the pathogen development
Wednesday 28 February 2001

Dr HASHIM, Azanam
University Sains Malaysia, Malaysia
"Natural Rubber Latex and Its Modifications"
Thursday 1 March 2001

Prof NAKAJIMA, Kazuhisa
High Energy Accelerator Research Organization (KEK), Japan
"Recent Topics of the laser plasma accelerator"
"High Energy Particle Physics by Super Strong Field Interac-
tions"
Thursday 1 March 2001

Dr SMETANIN, Igor
P.N. Lebedev Physics Institute, Russia
"FEL-like interactions in semiconductors, superconductors, X-
ray Compton scattering"
Friday 2 March 2001

Dr COLLIER, John M.
Massachusetts General Hospital, USA
"Review of Heavy Ion Radiation Therapy at the Lawrence Ber-
keley Laboratory"
Tuesday 13 March 2001

Dr BOLSHAKOVA, Inessa
Lviv Polytechnical State University, Ukraine
"Development of the Micro Hall Sensor and the Status of
Micro Sensor Laboratory"
Monday 19 March 2001

Dr KUMADA, Masayuki
National Institute of Radiological Sciences, Japan
"Development of 4 T Permanent Magnet"
Monday 19 March 2001

Prof KIKUTANI, Eiji
High Energy Accelerator Research Organization (KEK), Japan
"Recent results of the luminosity upgrade in KEK B-factory"
Thursday 22 March 2001

Prof EISCH, John J.
Department of Chemistry, State University of New York, USA
"New Aspects of Early Transition Metal Carbenoid Chemistry"
Wednesday 28 March 2001

Dr HAYASHI, Naoto
Graduate School of Human and Environmental Studies, Kyoto

University, Kyoto, Japan
 “Studies on Crystal Engineering of Twisted Molecules”
 Friday 6 April 2001

Prof KIKKAWA, Shinichi
 Graduate School of Engineering, Hokkaido University, Sapporo,
 Japan
 “Advanced nitride”
 Monday 16 April 2001

Prof Em SHIOJIRI, Makoto
 Kyoto Institute of Technology, Kyoto, Japan
 “Structure Analysis of Materials by HAADF and STEM”
 Monday 16 April 2001

Prof TAKEDA, Shunichi
 Graduate School of Medicine, Kyoto University, Kyoto, Japan
 “Reverse Genetic Study of DNA Recombination in the Chicken
 B Lymphocyte Line, DT40”
 Wednesday 18 April 2001

Dr SUFFERT, Jean
 CNRS, France
 “Recent Results in the Reactivities of Acyclic Eneynes and Syn-
 thesis of Highly Unsaturated Polycyclic Systems”
 Monday 23 April 2001

Prof BLECHERT, Siegfried
 Technische Universität Berlin, Germany
 “Olefin Metathesis – Recent Developments”
 Friday 27 April 2001

Assoc Prof YAMANAKA, Akio
 Chitose Institute of Science and Technology
 “Raman scattering study of high- T_c superconductors”
 4 May 2001

Dr BACZEWSKI, Lech Tomasz
 Institute of Physics, Polish Academy of Sciences, Poland
 “Cobalt Spin Arrangement in Co/Nd Multilayers with ^{57}Fe Probe
 Layer”
 Thursday 10 May 2001

Assoc Prof YAMANE, Hisanori
 Institute for Advanced Materials Processing, Tohoku University
 “Single crystal growth of GaN”
 15 May 2001

Dr KOTERA, Mitsuharu
 Chimie Bioorganique, CNRS, Université Joseph Fourier, France
 “Studies on Damage to DNA: Synthesis of Oligodeoxyribo-
 nucleotides Containing the 2'-Deoxyribonolactone Lesion”
 Thursday 17 May 2001

Prof WEST, Robert
 Department of Chemistry, University of Wisconsin, Madison,
 U.S.A.
 “Some New Chemistry of Siloles and Silafluorenes”
 Monday 21 May 2001

Prof WINTERFELDT, Ekkehard
 University of Hannover, Germany
 “Marine Natural Compounds -Biological Activity and Synthetic
 Exercises”
 Monday 28 May 2001

Prof OKUNO, Tsumuko
 Department of Human Environmental Sciences, Mukogawa

Women's University, Hyogo, Japan
 “Surface Modification of Clothing Materials”
 Tuesday 12 June 2001

Prof PRAKASH, G. K. Surya
 Department of Chemistry, University of Southern California,
 USA
 “New Carbocations”
 Monday 18 June 2001

Prof KIBAYASHI, Chihiro
 Tokyo University of Pharmacy and Life Sciences, Japan
 “Acyl Nitroso Diels-Alder Reactions: Application to Synthesis
 of Antitumor Marine Alkaloids”
 Tuesday 10 July 2001

Prof SAKABE, Shuji
 Graduate School of Engineering, Osaka University
 “High Intensity Laser-Plasma Interaction and High Energy Ion
 Production”
 Thursday 12, July 2001

Prof DIEDERICH, François
 Institute for Organic Chemistry, ETH Zürich, Switzerland
 “Covalent Fullerene Chemistry: Regioselective Multiple
 Functionalization, Chirality, and Advanced Materials”
 Monday 23 July 2001

Prof VERKADE, John G.
 Department of Chemistry, Iowa State University, USA
 “Expanding Applications of $\text{P}(\text{RNCH}_2\text{CH}_2)_3\text{N}$ Compounds as
 Useful Catalysts and Non Ionic Bases in Organic Chemistry”
 Friday 27 July 2001

Prof WANG, Guan-Wu
 Department of Chemistry, University of Science and Technol-
 ogy of China, Hefei, China
 “ ^3He NMR Studies on Fullerenes Derivatives”
 Tuesday 31 July 2001

Dr ADAMS, Wade
 Air Force Research Laboratory, USA
 “Future Challenges in High Performance Fibers”
 Tuesday 4 September 2001

Prof FUCHS, Harald
 Physics Institute, University of Münster, Germany
 “Advances in SXM and the Application for Self-assembling
 System”
 Tuesday 4 September 2001

Prof DE MEIJERE, Armin
 Department of Chemistry, Georg-August-Universität Göttingen,
 Göttingen, Germany
 “Small Rings Galore - New Structurally Interesting Cyclopro-
 pane Derivatives”
 Saturday 8 September 2001

Dr BISOFFI, Giovanni
 Legnaro National laboratory, INFN, Italy
 “uperconducting Radiofrequency Quadrupoles”
 Wednesday 12 September 2001

Prof BORDEN, Weston T.
 Department of Chemistry, University of Washington, Seattle,
 U.S.A.
 “Synthesis and Study of Pyramidalized Alkenes”
 Thursday 13 September 2001

- Assoc Prof IWABUCHI, Yoshiharu
Faculty of Pharmaceutical Sciences, Nagasaki University, Japan
“Development of Catalytic Asymmetric Baylis Hillman Reaction and its Application to Natural Product Synthesis”
Tuesday 18 September 2001
- Dr SHIMAZAKI, Makoto
Bayer Yakuhin, Ltd. Japan
“Recent Progress in Combinatorial Chemistry Toward the Development of Medicine”
Tuesday 18 September 2001
- Prof ULANSKI, Jacek Pawel
Head of the Department of Molecular Physics, Technical University of Lodz, Poland
“Reticulate Doped Polymer Conducting Systems”
Wednesday 19 September 2001
- Dr KISHIDA, Akio
Research Institute, National Cardiovascular Center, Osaka, Japan
“Polymeric Surfaces as Living-Body Interface”
Thursday 20 September 2001
- Prof APELOIG, Yitzhak
Technion-Israel Institute of Technology, Israel
“The Chemistry of Novel Silicon-Mercury and Silicon-Lithium Compounds” Friday 21 September 2001
- Dr PEKKER, Sandor
Research Institute for Solid State Physics and Optics, Hungarian Academy of Science, Hungary
“Solid State Reactions of Molecular Carbon”
Saturday 22 September 2001
- Dr KIHARA, Daisuke
Donald Danforth Plant Science Center
“An ab initio protein structure prediction method that uses threading-based tertiary restraints.”
Monday 15 October 2001
- Prof Roger M Leblanc
Department of Chemistry, University of Miami, Miami, U.S.A.
“Recent Advances in the Surface Chemistry of Ultrathin Films”
Tuesday 16 October 2001
- Assoc Prof FUJIWARA, Takumi
Department of Chemistry, Nagaoka University of Technology, Nagaoka, Japan
“Formation of optical nonlinear Periodic structure in the glass materials”
Friday 18 October 2001
- Prof WATANABE, Junji
Tokyo Institute of Technology, Tokyo, Japan
“Frontier of Research on Polymeric Liquid Crystals”
Friday 19 October 2001
- Prof TIAN, Fuli
Department of Chemistry, Inner Mongolia University
“Determination of Free Sugars and Non-Starch Polysaccharides in Inner Mongolia Typical Cereals”
Wednesday 24 October 2001
- Prof SNEECKUS, Victor
Queen's University, Canada
“From Flatland to Prochiral Metalation: Aiming for New Regio- and Enantioselective Carbanionic Processes for Aromatic Synthesis”
Monday 29 October 2001
- Prof MIKOLAJCZYK, Marian
Centre of Molecular and Macromolecular Studies, Polish Academy of Sciences, Poland
“Asymmetric Cyclopropanation and Synthesis of Aminophosphonic Acids Using Chiral Sulfinyl Auxiliary”
Monday 19 November 2001
- Prof SCHMIDT-ROHR, Klaus
Department of Chemistry, Iowa State University, USA
“NMR Studies of Structure and Dynamics of Solid Polymers”
Monday 19 November 2001
- Prof KAGAN, Henri
Université Paris-Sud, France
“Some Facets of the Screening of New Catalysts for Asymmetric Catalysis”
Tuesday 20 November 2001
- Prof WEVER, Ron
University of Amsterdam, the Netherlands
“Vanadium-dependent halo-peroxidase”
Monday 26 November 2001
- Prof COOK, James M.
University of Wisconsin, Milwaukee, U.S.A.
“Enantioselective Synthesis of Sarpagine, Ajmaline and Corynanthe Alkaloids via the Asymmetric Pictet-Spengler Reaction”
Tuesday 27 November 2001
- Prof YAMAMOTO, Katsuji
Graduate School of Engineering, Kyoto University, Kyoto, Japan
“Quantum analysis of the Rydberg-atom-cavity detector for dark matter axion search”
Thursday 29 November, 2001
- Prof TATSUMI, Kazuyuki
Research Center for Materials Science, Nagoya University
“Challenges for the Synthesis of Highly Ordered Transition Metal-Chalcogenide Complexes towards the Control of the Inorganic Reactions”
Monday 3 December 2001
- Prof DEDERICHS P H
Institut für Festkörperforschung, Forschungszentrum Jülich, Germany
“Ab-Initio Calculation of Spin Dependent Transport and Spin Injection”
Wednesday 12 December 2001
- Prof KIBAYASHI, Chihiro
Tokyo University of Pharmacy and Life Sciences, Japan
“Total Synthesis of Pumiliotoxin”
Thursday 13 December 2001
- Prof CLENNAN, Edward Lawrence
Department of Chemistry, University of Wyoming
“The Persulfide; A Key Intermediate in Sulfide Photooxidations”
Monday 17 December 2001