

SEMINARS

- Prof ANDO, Shinji
Department of Chemistry and Materials Science, Tokyo Institute of Technology, Tokyo, Japan
“Control in Electrical State and Conformation of Polyimides and Design of Their Nanohybridization”
27 August 2014
- Prof BACK, Christian
Universitat Regensburg, Germany
“Imaging the Current Induced Spin Wave Doppler Shift”
26 June 2014
- Prof BAUMGATTNER, Thomas
University of Calgary, Canada
“Organophosphorus Avenues toward Powerful Electron Acceptors and Self-Assembled Nanomaterials”
14 November 2014
- Prof BETTINGER, Holger
Institut für Organische Chemie, Universität Tübingen, Tübingen, Germany
“From Reactive Intermediates to Polycyclic Aromatic Hydrocarbons”
8 April 2014
- Dr. BLANC-MATHIEU, Romain
Institut Sophia Agrobiotech, INRA, Sophia Agrobiotech, France
“Population Genomics of *Ostreococcus tauri*: Diversity and Evolution of the Smallest Photosynthetic Eukaryote”
24 September 2014
- Prof BODWELL, Graham, J.
Memorial University of Newfoundland, Canada
“Large Scale Synthesis and Chemistry of 1,1,n,n Tetramethyl[n](2,11)teropyrenophanes”
22 October 2014
- Prof BRADDOCK, Chris
Imperial College London, U.K.
“Studies on Halogenated Marine Natural Products as Inspired by Their Probable Biogenesis”
22 October 2014
- Dr. CARDARELLI, Maura
Department of Biology and Biotechnology, Sapienza University of Rome, Italy
“The Role of ARF8 and ARF6 in Late Stamen Development in *Arabidopsis*”
14 October 2014
- Prof CHIDA, Noritaka
Faculty of Science and Technology, Department of Applied Chemistry, Keio University, Kanagawa, Japan
“Synthetic Study of Bioactive Natural Products: Approach from Chiral Pool Method”
26 February 2014
- Prof CHIU, Ya-Ping
Department of Physics, National Sun Yat-sen University, Taiwan
“Atomic-Scale Interface Electronic Structures Across Hetero-Epitaxial Structure by Cross-Sectional STM”
22 July 2014
- Prof CHOW, Tahsin J.
Academia Sinica Institute of Chemistry, Taiwan
“The Synthesis of Acenes and Their Semiconducting Properties”
6 October 2014
- Prof CHUANG, John Shih-Ching
National Chiao Tung University, Taiwan
“Fullerenes Functionalization through Metal-Catalyzed C-H Bond Activation and Phosphine-Catalysis: From Methodology to Application”
12 July 2014
- Prof COZZI, Giorgio
University of Milan, Milan, Italy
“Electrophilicity and Nucleophilicity Scales in a Rational Approach towards SN1-type Stereoselective Organocatalytic Reactions”
14 November 2014
- Prof DE LA HIGUERA, Colin
University of Nantes, Nantes, France
“Learning Probabilistic Context-Free Grammars”
16 September 2014
- Prof DESAULNIERS, Jean-Paul
Faculty of Science, University of Ontario Institute of Technology, Ontario, Canada
“Training the RISC Complex Some New Tricks”
19 November 2014
- Mr. FLODERUS, Peter
Lund University, Lund, Sweden
“A Polynomial to Count Induced Subgraphs Quickly”
2 September 2014
- Assoc Prof GHOSH, Suhrit
Indian Association for the Cultivation of Science, India
“Stimuli-responsive Amphiphilic Polymers”
9 December 2014
- Prof HARA, Kenji
Catalysis Research Center, Hokkaido University, Hokkaido, Japan
“Catalyst Preparation on Mesoporous Materials”
31 October 2014
- Prof HE, Junpo
Fudan University, China, P.R.
“Precise Control of Polymer Chain Structure Using Living Anion Polymerization”
1 August 2014
- Prof JIA, Yngxing
Peking University, China, P.R.
“Total Synthesis of Polycyclic Indole Alkaloids and Development of Synthetic Methodology”
8 December 2014
- Prof JUNG, Hyun Suk
Sungkyunkwan University, Korea, R.
“Nanostructured Charge Collecting Materials for Next Generation Perovskite Solar Cells”
26 November 2014

- Dr. KAMATANI, Asayuki
Phizer Japan Inc., Tokyo, Japan
“Stories behind Crizotinib”
9 September 2014
- Prof KANN, Maricel G.
University of Maryland, Baltimore County, U.S.A.
“A Protein-Domain Approach for the Analysis of Disease Mutations”
3 April 2014
- Mr. KOBAYASHI, Toshio
Japan Drilling Co., Ltd., Tokyo, Japan
“Debris Mitigation for Nuclear Power Plant by Using the CO2 Laser”
21 November 2014
- Prof KOYAMA, Kazuyoshi
High Energy Accelerator Research Organization, Ibaraki, Japan
“Laser-driven Particle Acceleration”
24 September 2014
- Director KROL, Alain
CNRS-University of Strasbourg, France
“Recoding UGA as Selenocysteine during Selenoprotein Synthesis”
16 April 2014
- Dr. KUWATA, Akira
Tohoku National Fisheries Research Institute, Fisheries Research Agency, Miyagi, Japan
“Diatoms and Parnales: Evolution, Ecology and Natural History”
22 August 2014
- Dr. LUGG, Nathan
School of Engineering, The University of Tokyo, Tokyo, Japan
“Removing the Effects of Channelling from Spectrum Images in STEM”
14 October 2014
- Prof MARROWS, Christopher
University of Leeds, U.K.
“Giant Topological Hall Effect in Strained Fe_{0.7}Co_{0.3}Si Epilayers”
15 May 2014
- Prof MELEDANDRI, Carla
The University of Otago, New Zealand
“Development of Silver Nanoparticle Materials for Use in Clinical Dentistry”
10 February 2014
- Prof MICHL, Josef
University of Colorado, U.S.A.
“The Catalytic Properties of LiCB₁₁Me₁₂”
31 October 2014
- Prof MURAI, Shinji
Nara Institute of Science, Nara, Japan
“Encouraging Creativity Reaching to Amazing Discovery”
12 May 2014
- Dr. MUROOKA, Yoshie
École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
“Magnetic Dynamics Studied by Time-resolved Electron Microscopy”
23 July 2014
- Prof NG, Michael
Department of Mathematics, Hong Kong Baptist University, Hong Kong, China. P.R.
“Spectral Clustering for Tensor Data”
29 May 2014
- Dr. NOMURA, Akihiro
National Institute for Materials Science (NIMS), Ibaraki, Japan
“Polymeric Amine Incorporated Porous Silicas as Adsorbents for Trapping of Formaldehyde Indoor Air Pollutants”
2 April 2014
- Dr. OKUBO, Ayako
Integrated Support Center for Nuclear Nonproliferation and Nuclear Security, Japan Atomic Energy Agency, Ibaraki, Japan
“Research and Development for the Nuclear Forensics and Safeguard in JAEA”
8 September 2014
- Prof PARK, Jongwook
The Catholic University of Korea, Bucheon, Korea, R.
“Synthesis and Electroluminescence Properties of Highly Efficient Blue Fluorescence Emitters Using Dual Core Chromophores”
15 January 2014
- Prof PIERS, Warren
Department of Chemistry, University of Calgary, Calgary, Canada
“Perfluoroarylborane Catalyzed Frustrated Lewis Pair Hydrosilations: Mechanism, Applications and Scope”
22 October 2014
- Prof PRATT, Derek
University of Ottawa, Canada
“Chemistry of Phenolic, Anionic and Organosulfur Radical-trapping Antioxidants”
20 March 2014
- Prof ROHMER, Michel
CNRS-University of Strasbourg, France
“Biosynthesis of Isoprene Units via the MEP Pathway in Bacteria and Plants: Electron and Proton Transfers in the Formation of Isopentenyl Diphosphate and Dimethylallyl Diphosphate”
10 October 2014
- Dr. SERINO, Giovanna
Department of Biology and Biotechnology, Sapienza University of Rome, Italy
“CULLIN Neddylation is Globally Regulated during Seedling Development in *Arabidopsis thaliana*”
14 October 2014
- Assoc Prof SHIBUYA, Tetsuo
Human Genome Center, Institute of Medical Science, The University of Tokyo, Tokyo, Japan
“de Bruijn Graph Problems”
19 March 2014
- Dr. SHIMIZU, M. Hirohiko
Laboratory for Particle Properties, Department of Physics, Nagoya University, Nagoya, Japan
“Monochromating Optics of Epithermal Neutron and Its Applications”
4 July 2014
31 October 2014
- Prof SUNAZUKA, Toshiaki
Kitasato Institute for Life Sciences & Graduate School of Infection Control Sciences, Kitasato University, Tokyo, Japan
“Total Synthesis of Novel Polycyclic Indole Alkaloids”
6 August 2014
- Dr. TAKAHASHI, Hiroki
Department of Physics, ETH Zurich, Switzerland
“Ultrasensitive Solid-State NMR by High-Field Dynamic Nuclear Polarization and Nano-scale MRI Using Magnetic Resonance Force Microscopy”
6 November 2014

Assoc Prof TAKEMURA, Masaharu
Tokyo University of Science, Tokyo, Japan
“The Origin of the Nucleus: Giant Viruses Unveil the Enigmatic Root
of Eukaryotes”
24 June 2014

Assoc Prof TAKEUCHI, Ichiro
Nagoya Institute of Technology, Japan
“An Algorithmic Framework for Computing Validation Performance
Bounds by Using Suboptimal Models”
19 March 2014

Prof WEIGAND, Jan J.
Department of Chemistry and Food Chemistry, Technische Universität
Dresden, Dresden, Germany
“Highly-Reactive Phosphorus Building Blocks — New Concepts in
Synthesis”
19 July 2014

Dr. YAMADA, Takeshi
Kitasato Institute for Life Sciences & Graduate School of Infection
Control Sciences, Kitasato University, Tokyo, Japan
“Chemoselective Functionalization of Bioactive Polyol Natural Prod-
ucts Using Organocatalyst”
4 July 2014

Prof YEH, Ming-Chang
National Taiwan Normal University, Taiwan
“Facile Synthesis of Heterocycles via Iron- and Iridium-Prompted
Cyclization Reactions”
4 November 2014