

# SEMINARS

Prof Em AKASAKA, Takeshi  
Foundation for Advancement of International Science, Ibaraki, Japan  
“New Vistas in the Fullerene World: Endohedral Metallofullerenes”  
18 November 2015

Dr BARILLOT, Emmanuel  
Computational Systems Biology of Cancer Department at Institut  
Curie, Paris, France  
“Exploiting Synthetic Interactions and Signaling Network Modeling  
to Combat Cancer”  
7 May 2015

Prof CHANG, Young-Tae  
Department of Chemistry, National University of Singapore,  
Singapore  
“Universal Fluorescent Probe platform for Almost Everything”  
23 April 2015

Dr DOUAT, Céline  
CNRS, IECB & Université de Bordeaux, France  
“Urea-Based Foldamers: from Structure to Function”  
19 November 2015

Prof FISCHER, Felix R.  
University of California Berkeley, U.S.A.  
“Teaching Polymers the Meaning of Life... and Quantum  
Confinement in Graphene Nanostructures”  
13 November 2015

Prof GLOE, Karsten  
Department of Chemistry and Food Chemistry, Technische  
Universität Dresden, Germany  
“Supramolecular Chemistry in Solvent Extraction: Principles and  
Applications”  
24 July 2015

Prof HAMILTON, Andrew  
Chemistry Research Laboratory, University of Oxford, U.K.  
“Synthetic Mimics of Protein Structure and Function”  
11 November 2015

Associate Prof HASHIMOTO, Hisako  
Faculty of Science and Graduate School of Science, Tohoku  
University, Miyagi, Japan  
“Synthesis and property of transition metal–silicon/germanium mul-  
tiple bond complexes”  
23 January 2015

Prof HIRANO, Masafumi  
Department of Applied Chemistry, Graduate School of Engineering,  
Tokyo University of Agriculture and Technology, Tokyo, Japan  
“Synthesis and Catalytic Application of Low-Valent Ruthenium and  
Palladium Complexes : A Breakthrough Came with Mechanistic  
Study”  
21 May 2015

Prof HYVARINEN, Aapo  
University of Helsinki, Finland  
“Independent Component Analysis: Recent Advances”  
23 October 2015

Prof IMAI, Yumiko  
Graduate School of Medicine, Akita University, Akita, Japan  
“Potential of Anti-influenza Drug Development Targeting Host  
Nuclear Network”  
27 May 2015

Prof IMAMOTO, Tsuneo  
Organic R&D Department, Nippon Chemical Industrial Co., Ltd.,  
Tokyo, Japan  
Department of Chemistry, Graduate School of Science, Chiba  
University, Chiba, Japan  
“Chemistry of Chiral Phosphine Ligands”  
16 July 2015

Dr IWATA, Tomoharu  
NTT Communication Science Laboratories, Kyoto, Japan  
“Unsupervised Cluster Matching for Relational Data”  
24 November 2015

Prof JOHNSON, Jeremiah, A.  
Department of Chemistry & Program for Polymers and Soft Matter,  
Massachusetts Institute of Technology, U.S.A.  
“Closing the Loop: Chemistry for Controlling Primary Structure in  
Polymers and Polymer Networks”  
27 November 2015

Dr KANDO, Masaki  
Kansai Photon Science Institute, Kyoto, Japan  
“Research Results and Future Development Using the JKAREN  
Laser”  
16 January 2015

Prof KASKI, Samuel  
Aalto University, Finland  
“Bayesian Factorization of Multiple Data Sources”  
20 October 2015

Prof Em KAWASHIMA, Takayuki  
School of Science and Technology, Gunma University, Gunma, Japan  
“The Chemistry of Hypervalent Compounds of Main Group Element”  
18 November 2015

Dr KIRIYAMA, Hiromitsu  
Kansai Photon Science Institute, Kyoto, Japan  
“Current Status and Future Development of the JKAREN Laser  
System”  
16 January 2015

Prof KUCHEROV, Gregory  
CNRS/LIGM Marne-la-Vallee, France  
“Efficient Index-based Filtering for NGS Read Processing”  
17 May 2015

- Dr KUPERSTEIN, Inna  
Computational Systems Biology of Cancer Department at Institut Curie, Paris, France  
“Atlas of Cancer Signaling Network and NaviCell: Comprehensive Resource and Web Tool for Data Analysis and Interpretation”  
7 May 2015
- Prof LEBLANC, Roger M.  
Department of Chemistry, University of Miami, FL, U.S.A.  
“Carbon Nanomaterials at the Biointerface”  
1 December 2015
- Assoc Prof MAGMIN, Morgan  
National Institute of Informatics, Tokyo, Japan  
“Analyzing Regulation Thanks to a Concurrent Dynamic Framework: the Process Hitting”  
6 February 2015
- Assist Prof MOGUSHI, Kaoru  
Juntendo University, Tokyo, Japan  
“Gene Expression Analysis by R”  
16-17 November 2015
- Prof Em NAGASE, Shigeru  
Fukui Institute for Fundamental Chemistry, Kyoto University, Kyoto, Japan  
“Multiple Bond of Heavier Main Group Elements”  
18 November 2015
- Prof NORBERT, Krause  
Dortmund University of Technology, Organic Chemistry, Dortmund, Germany  
“Sustainable Gold Catalysis”  
4 November 2015
- Assist Prof OKAJIMA, Koji  
Graduate School of Science, Osaka Prefecture University, Osaka, Japan  
“Signal Transduction Mechanism for Blue Light by Phototropin; Blue-Light Sensor of Plants”  
5 February 2015
- Dr OHTA, Yukari  
Japan Agency for Marine-Earth Science and Technology, R&D Center for Marine Biosciences, Kanagawa, Japan  
“Lignin-Degrading Enzymes from Marine Bacterium”  
13 October 2015
- Prof PATEL, Bhisma K.  
Indian Institute of Technology Guwahati, India  
“Unconventional Ways to Ester Synthesis”  
7 April 2015
- Prof PRASAD, B. L. V.  
National Chemical Laboratory, India  
“Molecular Tools for the Manipulation of Size, Surface Chemistry and Assemblies of Metal Nanoparticles”  
19 November 2015
- Prof RIVARD, Eric  
University of Alberta, Alberta, Canada  
“Phosphorescence and Parent Inorganic Hydride Chemistry in the Main Group”  
18 September 2015
- Prof SAGAN, Sandrine  
Laboratoire des Biomolécules, UMR7203 CNRS–University Pierre et Marie Curie –École Normale Supérieure, Paris, France  
“Molecular and Structural Aspects for Efficient Internalisation of Cell-Penetrating Peptides in Cells: Arginine Magic or Tryptophan Power ?”  
19 November 2015
- Assoc Prof SAITO, Koh  
Nagoya University Eco Topia Science Institute, Aich, Japan  
“Development of Spin-polarized and Pulsed Transmission Electron Microscope with Semiconductor Photocathode”  
10 March 2015
- Dr SETO, Keita  
Extreme Light Infrastructure Nuclear Physics, Romania  
“Current Status and Future Development of ELI-NP”  
7 April 2015
- Prof SHIMIZU, Hirohiko, M.  
Laboratory for Particle Properties, Department of Physics, Nagoya University, Aichi, Japan  
“Application of epithermal neutron”  
1 July 2015
- Prof SMERALDI, Fabrizio  
Queen Mary University of London, London, England  
“Handing Missing Features with Boosting Algorithms for Protein-protein Interaction Prediction”  
18 May 2015
- Senior Research Fellow SONG, Jiangning  
Monash University, Australia  
“The Predictive Power of Machine Learning Techniques in Data-driven Biomedical Knowledge Discovery: My Structural Bioinformatics Journey”  
9 September 2015
- Assoc Prof TAIRA, Takunori  
National Institute of Natural Sciences, Aich, Japan  
“Theoretical Foundations, Applications and Future Developments of Giant Micro-photonics”  
9 March 2015
- Prof TAYLOR, Mark S.  
University of Toronto, Canada  
“Noncovalent and Reversible Covalent Interactions: Fundamental Studies and New Application”  
21 May 2015
- Prof XAVIER, Franck  
Research Director, CNRS & University of Rouen, France  
“New Protein Stain Derived from Natural Product: Proteomics and Chemical Biology Applications”  
6 November 2015
- Dr YAMADA, Makoto  
Yahoo! Labs, U.S.A.  
“Minimum Redundancy Maximum Relevance Feature Selection for Large and High-dimensional Data”  
7 January 2015
- Prof ZHANG, Qichun  
Nanyang Technological University, Singapore  
“Some Novel Strategies to Prepare New Exotic Material”  
3 March 2015

Prof ZHANG, Yan  
School of Chemistry & Chemical Engineering, Nanjing University,  
China, P.R.  
“Chemical Biological Applications of Photo-Induced Reactions”  
25 March 2015

Prof ZHIQUN, Lin  
Georgia Institute of Technology, U.S.A.  
“Nonlinear Block Copolymer-Enabled Monodisperse Nanoparticles  
and Nanorods with Precisely Controlled Dimensions, Compositions  
and Architectures”  
12 June 2015