

# SEMINARS

Prof ABE, Manabu  
Hiroshima University, Hiroshima, Japan  
“Is  $\pi$  Single Bond (C -  $\pi$  - C) Possible?”  
8 May 2018

Dr ANTOINE, Claire Z.  
Cea Saclay, France  
“Material and Surface Aspects in SRF Technology”  
21–22 November 2018

Dr ARUMUGAM, Sri Ranjini  
Max-Planck Institute for Biophysical Chemistry, Germany  
“Single Molecule Spectroscopic Approach to Study DNA Replication Machinery”  
19 October 2018

Dr BALASUBRAMANIAN, Gopalakrishnan  
Max-Planck Institute for Biophysical Chemistry, Germany  
“Precision Metrology at the Nanoscale”  
15 October 2018

Prof BALSARA, Nitash  
University of California, Berkeley, U.S.A.  
“Block Copolymers in Lithium Batteries”  
29 June 2018

Dr BHUVANESH, Ramakrishna  
Department of Physics, Indian Institute of Technology Hyderabad, India  
“Ultra High Intense Laser Matter Interaction and Their Applications”  
12 July 2018

Prof BOYER, Cyrille A.  
University New South Wales, Australia  
“Seeing the Light: Advancing Polymer Synthesis”  
20 November 2018

Dr CHAFFRON, Samuel  
Center National de la Recherche Scientifique/Laboratoire des Sciences du Numérique de Nantes, France  
“An Eco-systems View of Complex Microbiomes”  
14 September 2018

Prof CHOE, Sug-Bong  
Soul National University, Korea, R.  
“DMI Measurement Schemes Based on Domain-Wall Dynamics in Ferromagnetic Thin Films”  
28 November 2018

Dr CHU, Ming-Wen  
Center for Condensed Matter Sciences, National Taiwan University, Taiwan  
“Atomic-Scale Unraveling of Transition Pathway, Hidden Order Parameter, and Domain Topology in Improper Ferroelectrics”  
27 August 2018

Prof COLBY, Ralph  
Penn State University, U.S.A.  
“Linear Viscoelasticity of Ionic Polymers: Ionomers and Polyelectrolytes”  
20 June 2018

Assoc Prof DUKKA, Bahadur K. C.  
Computational Science and Engineering Department North Carolina A&T State University Greensboro, U.S.A.  
“Computational Prediction of Post-translational Modification Sites”  
24 July 2018

Prof GOTO, Susumu  
Database Center for Life Science, The University of Tokyo, Tokyo, Japan  
“Life Science Database Integration Based on Semantic Web Technology”  
18 October 2018

Dr GUIGO, Roderic  
Center for Genomic Regulation, Spain  
“The Molecular Anatomy of the Human Body”  
23 August 2018

Prof GUY, C. Lloyd-Jones FRS  
The University of Edinburgh, U.K.  
“An in Situ Journey from Reactants to (side) Products”  
3 March 2018

Senior Researcher HAAR, Stefan  
Head of MExiCo Team, INRIA Saclay Center, France  
“Let’s Have a New Update on Boolean Networks !”  
26 October 2018

Prof HALEY, Michael M.  
University of Oregon, U.S.A.  
“Modular Supramolecular Fluorescent Receptors: Functional Materials and Applications as Probes for Anions”  
19 November 2018

Prof HE, Junpo  
The State Key Laboratory of Molecular Engineering of Polymers, Fudan University, China, P.R.  
“Synthesis of Amphiphilic Dendrimer-like Polymers and Application as Unimolecular Nanoreactors”  
10 December 2018

Proj Assoc Prof HIROTA, Katsuya  
Osaka University, Osaka, Japan  
“Compact Accelerator Driven Neutron Source and Its Application 1”  
29 November 2018

Assit Prof HUANG, Possu  
Department of Bioengineering, Stanford University, U.S.A.  
“De Novo Design of Novel Molecular Platforms”  
7 September 2018

Dr IDZUCHI, Hiroshi  
Harvard University, U.S.A.  
“How to Characterize Spin Current in Mesoscopic System?”  
26 March 2018

- Assoc Prof ISHIDA, Shintaro  
Department of Chemistry, Graduate School of Science, Tohoku University, Miyagi, Japan  
“Novel Transformation of Stable Low-coordinate Silicon Compounds”  
15 November 2018
- Prof ITO, Akichika  
Faculty of Pharmaceutical Science, Gifu Pharmaceutical University, Gifu, Japan  
“Development of Photo-oxidation Reactions with Molecular Oxygen and Visible Light”  
23 February 2018
- Prof JUNG, Myung-Hwa  
Sogang University, China, P.R.  
“Rare-earth Doped Magnetic Topological Insulators”  
4 December 2018
- Dr KITAYAMA, Kenji  
Daicel Chemical Industries Ltd., Tokyo, Japan  
“Synthetic Organic Technology for Product Development: for Your Own Way in The Future”  
7 September 2018
- Dr KUPCZOK, Anne  
Institute of General Microbiology, Kiel University, Germany  
“Evolutionary Rate Estimation for Bacteriophages Based on Time Series Data Sets”  
26 July 2018
- Prof LAUREAN, Llies  
Department of Chemistry, Graduate School of Science, The University of Tokyo, Tokyo, Japan  
“Catalysis with Earth-abundant Metals: C-H Functionalization and Other Stories”  
26 February 2018
- Prof LIU, Zhi-Quan  
Chinese Academy of Sciences, China, P.R.  
“Property-Related Morphological and Orientation Characterization of Nanomaterials Using TEM”  
24 January 2018
- Prof MARTIN, Kotora  
Department of Organic Chemistry, Charles University, Czech R.  
“Catalytic Cycloadditions with Alkynes: Synthesis of Various Aromatic and Heteroaromatic Compounds”  
13 March 2018
- Prof MARTIN, Oestreich  
Technische Universität Berlin, Germany  
“Wheland Intermediates in Catalysis”  
28 September 2018
- Dr MASSUE, Julien  
University of Strasbourg, France  
“Optimized Fluorescent Emitters Based on A Hydroxybenzazole or Anil Scaffold”  
13 March 2018
- Prof MATSUSHIMA, Toshinori  
Kyushu University, Fukuoka, Japan  
“Optoelectronic Devices Using Metal Halide Perovskites”  
4 July 2018
- Prof MOTOME, Yukitoshi  
The University of Tokyo, Tokyo, Japan  
“Splitting Spins”  
12 June 2018
- Prof OGOSHI, Sensuke  
Osaka University, Osaka, Japan  
“Asymmetric Carbon-carbon Bond Positive Reaction by Optically Active Nickel Catalyst”  
27 April 2018
- Junior Research Fellow PETSCHNER, Peter  
Department of Pharmacodynamics, Semmelweis University, Hungary  
“Complexity of Environment-dependent Genetic Effects in Major Depression through the Scope of 5-HTTLPR”  
10 July 2018
- Prof RINALDO, Poli  
CNRS, Laboratoire de Chimie de Coordination, Toulouse, France  
“Ligand-functionalized, Well-defined polymeric Nanoreactors: Metal Coordination, Polymer Dynamics and Applications in Aqueous Biphasic Catalysis”  
23 January 2018
- Dr ROMERO-NIETO, Carlos  
University of Heidelberg, Germany  
“From Phosphaphenalenenes to Diphosphahexaarenes: Fused Six-membered Phosphorus Heterocycles”  
29 November 2018
- Dr RUBIO, Vicente  
Centro Nacional de Biotecnología-CSIC, Spain  
“DET1 Complexes Control Photomorphogenesis by Acting at the Interface between Light Signaling and Epigenome Dynamics”  
21 June 2018
- Prof SANDAA, Ruth-Anne  
Marine Microbiology Group, Department of Biological Science, Bergen University, Norway  
“Living with the Enemy: Virus-host Relationship in the Ocean”  
24 April 2018
- Prof SASAMORI, Takahiro  
Nagoya City University, Aichi, Japan  
“Active Chemical Species of Heavier Main Group Elements and Lead-Free Perovskites”  
7 July 2018
- Assoc Prof SHIBATOMI, Kazutaka  
Department of Environmental and Life Sciences, Toyohashi University of Technology, Aichi, Japan  
“Enantioselective Halogenation Reactions Catalyzed by Chiral Amines”  
28 February 2018
- Prof SHIMIZU, M. Hirohiko  
Nagoya University, Aichi, Japan  
“Compact Neutron Source and Its Industrial Application”  
17 May 2018  
“Neutron Oscillation”  
11 October 2018
- Leader Researcher SHIMONO, Masanori  
Graduate School of Medicine, Kyoto University, Kyoto, Japan  
“Connecting Multi-scale Networks in the Brain”  
24 April 2018
- Assist Prof SLJOKA, Adnan  
Department of Informatics, School of Science and Technology, Kwansai Gakuin University, Osaka, Japan  
“Lifting the Curtain: Probing Allostery and Other Biological Secrets with High Throughput Rigidity Analysis”  
25 April 2018

Prof SOKOLOV, Alexei  
University of Tennessee and Oak Ridge National Laboratory,  
U.S.A.

“Why Many Polymers are So Fragile: The Final Answer?”

20 June 2018

Senior Research Fellow and Group Leader SONG, Jiangning  
Monash Biomedicine Discovery Institute (BDI), Monash University,  
Australia

“Harnessing the Power of Machine-learning Techniques to Address  
Sequence Classification Problems in the Era of Biomedical Big Data”

25 September 2018

Prof STASEVICH, Tim  
Department of Biochemistry and Molecular Biology, Colorado  
State University, U.S.A.

“Imaging Canonical and Non-Canonical Single mRNA Translation  
Dynamics in Living Cells”

29 June 2018

Dr SUGAWARA, Koto  
Material Analysis Research Center, Teijin Limited, Tokyo, Japan

“Structural Analysis of Polylactic Acid for Material Development”

25 May 2018

Prof SUKBOK, Chang  
Korea Advanced Institute Science and Technology, Korea, R.

“Development of Direct C-H Amination Reactions: Inner- versus  
Outer-Sphere Pathways”

16 April 2018

Dr TOMARU, Yuji  
National Research Institute of Fisheries and Environment of  
Inland Sea, Japan Fisheries Research and Education Agency,  
Hiroshima, Japan

“Ecological Studies on Marine Diatom and Their Infectious  
Viruses”

25 May 2018

Prof WOLFGANG, Brutting  
Institute of Physics, University of Augsburg, Germany

“Molecular Orientation as Key Parameter in Organic Optoelectronics”

18 September 2018

Assoc Prof XING, Bengang  
School of Physical and Mathematical Sciences, Nanyang Technological  
University, Singapore

“Unique Fluorescent Imaging Probes for Specific Manipulation  
of Cellular Functions and Localized Theranostics”

26 July 2018

Prof YANG, Jye-Shane  
National Taiwan University, Taiwan

“Stimuli-Responsive  $\pi$ -Conjugated Oligomers”

23 January 2018