

ISPAC2017 – Conference Hall

Thursday, 8 June 2017	
Thematic Session: Organic Chemistry (ORG)	
Venue: Conference Hall	
Session Ia	Chairperson: Prof Datin Dr Zuriati Zakaria Malaysian Institute of Chemistry, Malaysia
1400 – 1425	ORG 01 (Keynote Lecture) Properties and Bio-related applications of amphiphilic molecules comprising monodisperse short PEGs Kazushi Kinbara Tokyo Institute of Technology, Japan
1425 – 1440	ORG 02 (Invited Lecture) Synthesis, Structures and Properties of Double and Hexapole Helicenes Ken Kamikawa Osaka Prefecture University, Japan
1440 – 1455	ORG 03 (Invited Lecture) Unified Total Synthesis of Stemoamide-Type Alkaloids Takaaki Sato Keio University, Japan
1455 – 1510	ORG 04 (Invited Lecture) Transition-Metal-Catalyzed Regioselective C–H Functionalization Tetsuya Satoh Osaka City University, Japan
1510 – 1525	ORG 05 (Invited Lecture) Synthesis of Optically Active Poly(diphenylacetylene)s and Their Chiral Recognition Abilities as Chiral Stationary Phases for HPLC Katsuhiko Maeda Kanazawa University, Japan
1525 – 1540	ORG 06 (Invited Lecture) Chiral Ir(III)-Catalyzed C-H Bond Activation for the Enantioselective Synthesis of Various Amino Acids Takanori Shibata Waseda University, Japan
1540 – 1555	ORG 07 (Invited Lecture) Molybdenum-Catalyzed Regioselective Hydrosilylation of Allenes Sobi Asako Okayama University, Japan
1555 – 1610	ORG 08 (Invited Lecture) Oxovanadium(V)-induced Oxidative Cross-coupling of Various Boron and Silyl Enolates Toru Amaya Osaka University, Japan
1610 – 1630	Refreshments
Session Ib	Chairperson: Prof Datin Dr Zuriati Zakaria Malaysian Institute of Chemistry, Malaysia
1630 – 1645	ORG 09 (Invited Lecture) Multiselective Diels–Alder Reaction Induced by Chiral Supramolecular Lewis Acid Catalysts Manabu Hatano Nagoya University, Japan

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1645 – 1700	ORG 10 (Invited Lecture) Rhodium-catalyzed Synthesis of Di(heteroaryl) HetAr-X-HetAr' Compounds Using Heteroaryl Mieko Arisawa Tohoku University, Japan
1700 – 1715	ORG 11 (Invited Lecture) Carbazole Dendrimers as Laminatable Solution-Processable Thermally Activated Delayed Fluorescence Materials Ken Albrecht Tokyo Institute of Technology, Japan
1715 – 1730	ORG 12 (Invited Lecture) Stereoselective Synthesis of cis-α, β-Unsaturated Sulfones, Sulfonates, and Sulfonamides Using new Peterson Reagents Kaori Ando Gifu University, Japan
1730 – 1745	ORG 13 (Invited Lecture) Synthetic chemistry of sialic acid-containing glycolipids for molecular understanding of their biological roles Hiromune Ando Gifu University, Japan
1745 – 1800	ORG 14 (Invited Lecture) Riboflavin-Derived Redox Organocatalysts for Oxidative Transformations Hiroki Iida Shimane University, Japan
1800 – 1815	ORG 15 (Invited Lecture) Palladium-Catalyzed Annulative π-Extension (APEX) Reactions for Synthesis of π-Extended Aromatics Hideto Ito Nagoya University, Japan
1815 – 1830	ORG 16 (Invited Lecture) Generation and Spectroscopic Observation of Diorganosilanone in Solution Shintaro Ishida Tohoku University, Japan

Friday, 9 June 2017

Thematic Session:

Organic Chemistry (ORG)

Venue: Conference Hall

0830 – 940	Plenary Lectures 5 & 6
1000 – 1030	Refreshments
Session Ic	Chairperson: Japan xxx xxxxx, Japan
1030 – 1055	ORG 17 (Keynote) Practical Synthesis of Cycloparaphenylenes and Their Derivatives Shigeru Yamago Kyoto University, Japan
1055 – 1110	ORG 18 (Invited Lecture) Asymmetric Hydrogenation of Heteroarenes Ryoichi Kuwano Kyushu University, , Japan

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1110 – 1125	ORG 19 (Invited Lecture) Atom-transfer [2 + 2 + 1] Cycloaddition Enabled by Ruthenium Catalysis Yoshihiko Yamamoto Nagoya University, Japan
1125 – 1140	ORG 20 (Invited Lecture) Synthesis of Daphenylline Satoshi Yokoshima Nagoya University, Japan
1140 – 1155	ORG 21 (Invited Lecture) Nickel-Catalyzed Multicomponent Coupling Reaction through Dimerization of 1,3-Dienes Takanori Iwasaki Osaka University, Japan
1155 – 1210	ORG 22 (Invited Lecture) Palladium-catalyzed Terminal-selective Oxyfunctionalization of Vinylarenes Assisted by Electron-deficient Cyclic Alkenes Yasuyuki Ura Nara Women's University, Japan
1210– 1225	ORG 23 (Invited Lecture) Highly Efficient Amide Bond Formation Using Micro-flow Technology Shinichiro Fuse Tokyo Institute of Technology, Japan
1225 – 1240	ORG 24 (Invited Lecture) Catalytic Discrimination of Formyl Groups: Stereoselective Direct Cross-Aldol Reactions of Enolizable Aliphatic Aldehydes Takumi Furuta Kyoto University, Japan
1240 – 1255	ORG 25 Synthesis of Phosphite and Phosphoramidite Ligands Containing Planar-Chiral [n]Paracyclophane and its Application in Asymmetric Reactions Hazra Madhurima Waseda Univeristy, Japan
1255 – 1400	Lunch
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Venue: Conference Hall	
Session Id	Chairperson: Prof Dr Tan Guan Huat University of Malaya, Malaysia
1400 – 1425	ORG 26 (Keynote) Total Synthesis of (–)-Histronicotoxin via Radical Translocation-Cyclization Reaction Hidetoshi Tokuyama Tohoku University, Japan
1425 – 1440	ORG 27 (Invited Lecture) Transition Metal-Free, Tryptophan-Selective Bioconjugation of Proteins Kounosuke Oisaki The University of Tokyo, Japan
1440 – 1455	ORG 28 (Invited Lecture) Rhodium(I)-Catalyzed Enantioselective Cyclizations between Alkyne and Allylic Alcohol Yoshihiro Oonishi Hokkaido University, Japan

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1455 – 1510	ORG 29 (Invited Lecture) Branch-Dependent Host-Guest Chemistry of Polyglycerol Dendrimer, Hyperbranched Polyglycerol and Poly(ethylene glycerol) Tooru Ooya Kobe University, Japan
1510 – 1525	ORG 30 (Invited Lecture) Stereocontrolled Synthesis of P-Chiral Oligonucleotides Natsuhisa Oka Gifu University, Japan
1525 – 1540	ORG 31 (Invited Lecture) Transition Metal-Catalyzed Decarboxylative Reactions of Isoxazol-5(4H)-ones Affording Various Nitrogen-Containing Heterocycles Kazuhiro Okamoto Kyoto University, Japan
1540 – 1555	ORG 32 (Invited Lecture) Replication and Multiplication of α-Amino Acid by the Asymmetric Induction and Amplification of Chiral Intermediate Aminonitrile via Strecker Synthesis Tsuneomi Kawasaki University of Fukui, Japan
1555 – 1610	ORG 33 (Invited Lecture) Azidoimidazolium Salts: Safe and Efficient Diazo-transfer Reagents and Unique Azido-donors Mitsuru Kitamura Kyushu Institute of Technology, Japan
1610 – 1630	Refreshments
Thematic Session: Organic Chemistry (ORG)	
Session Ie	Chairperson: Prof Dr Tan Guan Huat University of Malaya, Malaysia
1630 – 1645	ORG 34 (Invited Lecture) Palladium-Catalyzed Cascade Reactions with Allylic Alcohols Leading to Functionalized Dihydropyrones Atsuo Nakazaki Nagoya University, Japan
1645 – 1700	ORG 35 (Invited Lecture) Visible Light-Mediated Alkylation Reactions Using 1,4-Dihydropyridines as Formal Nucleophilic Alkylation Reagents Kazunari Nakajima The University of Tokyo, Japan
1700 – 1715	ORG 36 (Invited Lecture) Enantioselective reaction using novel chiral organocatalysts having heteroaryl groups Shuichi Nakamura Nagoya Institute of Technology, Japan
1715 – 1730	ORG 37 (Invited Lecture) Chiral Chalcogenide Catalysts for Enantioselective Cyclizations Takuya Hashimoto Kyoto University, Japan
1730 – 1745	ORG 38 (Invited Lecture) Transition Metal Catalyzed Annulation Reactions with Alkynes: Synthesis of Aromatics Kotora Martin Charles University in Prague, Czech Republic

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Saturday, 10 June 2017	
Thematic Session: Organic Chemistry (ORG)	
Venue: Conference Hall	
Session If	Chairperson: Dr Mohd Sani Sarjadi Universiti Malaysia Sabah, Malaysia
0900 – 0925	ORG 39 (Keynote) Synthesis of Fully Arylated Arenes, Acenes, and Benzoheteroles Junichiro Yamaguchi Waseda University, Japan
0925– 0940	ORG 40 (Invited Lecture) Catalytic Generation of Carbanions Utilizing [1,2]-Phospha-Brook Rearrangement and Their Application to C-C Bond Formation Azusa Kondoh Tohoku University, Japan
0940 – 0955	ORG 41 (Invited Lecture) Molecular Transformation of Polarized Alkynes Ni(0)-Promoted Carboxylation of Ynol Ethers and Ynamids~ Nozomi Saito Meiji Pharmaceutical University, Japan
0955 – 1010	ORG 42 (Invited Lecture) Biomimetic Cyclization of 3,5-Diketoesters: Application to Total Synthesis of Cyercene A, an α-Methoxy-γ-Pyrone-Containing Polypropionate Akira Sakakura Okayama University, Japan
1010 – 1030	Refreshments
Session Ig	Chairperson: Prof Dr xxxxx xxxxxx, Japan
1030 – 1045	ORG 43 (Invited Lecture) Remote Asymmetric Induction Reactions and Wide Range Stereocontrol Strategy for Synthesis of Polypropionates Seijiro Hosokawa Waseda University, Japan
1045 – 1100	ORG 44 (Invited Lecture) Pt(II)- and Pd(II)-Based Metallosurfactants Forming Molecular Aggregates Yuji Suzuki Tokyo Institute of Technology, Japan
1100 – 1115	ORG 45 (Invited Lecture) Enantioselective Total Synthesis of (+)-iso-A82775C Takahiro Suzuki Hokkaido University, Japan
1115 – 1130	ORG 46 (Invited Lecture) A Greener Synthesis of Stilbenes and Distyrylbenzenes with Ruthenium Sulfonamide Catalyst Shin Takemoto Osaka Prefecture University, Japan
1130 – 1145	ORG 47 (Invited Lecture) (1,3-Dioxan-5-yl)methyl Sulfonates as Effective Precursors for the Synthesis of [18F]PET Tracers Hirohsi Tanaka Tokyo Institute of Technology, Japan

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1145 – 1200	<p>ORG 48 (Invited Lecture) Control of stereospecificity of conjugated diene polymerization using neodymium-based catalyst: from atactic polymer to stereoblock polymer Ryo Tanaka Hiroshima University, Japan</p>
1200– 1215	<p>ORG 49 (Invited Lecture) Total Synthesis of Caprazamycin A and CPZEN-45 Chihiro Tsukano Kyoto University, Japan</p>
1215 – 1230	<p>ORG 50 (Invited Lecture) New Metal-Free Coupling Reaction by Controlling the Reactivity of Iaryliodonium Salts Toshifumi Dohi Ritsumeikan University, Japan</p>
1230 – 1245	<p>ORG 51 (Invited Lecture) Synthesis of Several Polyfunctionalized Heteroarenes via Direct C–H Bond Functionalizations Fumitoshi Shibahara Gifu University, Japan</p>
1245 – 1400	Lunch
Session 1h	<p>Chairperson: Prof Dr Tan Guan Huat University of Malaya, Malaysia</p>
1400 – 1415	<p>ORG 52 (Invited Lecture) Development of user-friendly reactions using automated synthesizer and flow reactor Hisashi Masui Yokohama University of Pharmacy, Japan</p>
1415 – 1430	<p>ORG 53 (Invited Lecture) Rhodium(I)-Catalyzed Rearrangement and Insertion Reactions Initiated by Pyridine-Directed C–C Bond Cleavage Takanori Matsuda Tokyo University of Science, Japan</p>
1430 – 1445	<p>ORG 54 (Invited Lecture) Development of Extremely Active Nucleophilic Catalysts for Enantioselective Transformations Hiroki Mandai Okayama University, Japan</p>
1445 – 1500	<p>ORG 55 (Invited Lecture) Efficient Synthesis of π-Extended Ladder-type Thiophene Derivatives Koichi Mitsudo Okayama University, Japan</p>
1500 – 1515	<p>ORG 56 (Invited Lecture) Diversity-Oriented Synthesis of Tetrathia[8]circulenes by C–H Borylation and Annulation Yoshihiro Miyake Nagoya University, Japan</p>
1515 – 1530	<p>ORG 57 (Invited Lecture) Rhenium-Catalyzed anti-Markovnikov Addition Reaction of Carbon Nucleophiles to Unactivated Terminal Acetylenes Masahito Murai Okayama University, Japan</p>

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1530 – 1545	ORG 58 (Invited Lecture) Design of Organoboranes involving an Electron-rich Boron Center Rei Kinjo Nanyang Technological University, Singapore
1545 – 1600	ORG 59 (Invited Lecture) Cobalt-Catalyzed Hydroacylation Reactions Naohiko Yoshikai Nanyang Technological University, Singapore
1600 – 1615	ORG 60 (Invited Lecture) Alkyl-onium Salts as Hydrogen-Bonding Catalysts Seiji Shirakawa Nagasaki University, Japan
1615	End/Refreshments