

Tuesday, October 30, 2018																			
0800 – 1700	Registration																		
0900 – 1000	Opening Ceremony																		
1000 – 1030	Refreshments																		
1030 – 1245	<p><b>PLENARY SESSION</b></p> <p>Chairman I: Prof Dr Mansor Ahmad <i>Universiti Putra Malaysia, Malaysia</i></p> <p>Chairman II: Prof Dr Tamotsu Takahashi <i>Hokkaido University, Japan</i></p> <p><b>Plenary Lecture 1:</b> <b>Title: The Science Outlook 2017: Converging towards Progressive Malaysia 2050</b> Professor Datuk Dr Halimatun Binti Hamdan <i>Universiti Teknologi Malaysia, Malaysia</i></p> <p><b>Plenary Lecture 2:</b> <b>Title: Supramolecular Coordination-Directed Assemblies for Light Harvesting</b> Professor Dr Joe Otsuki <i>Nihon University, Japan</i></p> <p><b>Plenary Lecture 3:</b> <b>Title: Noncovalent Bond-Controlled Regioselective C-H Transformations</b> Professor Dr Yoichiro Kuninobu <i>Kyushu University, Japan</i></p>																		
1300 – 1400	Lunch / Posters																		
1400 – 1600	<p><b>Parallel Sessions</b></p> <table border="0"> <tr><td>la</td><td>:</td><td>Organic and Biomolecular Chemistry (OBC)</td></tr> <tr><td>li</td><td>:</td><td>Organic and Biomolecular Chemistry (OBC)</td></tr> <tr><td>IIa</td><td>:</td><td>Physical Chemistry and Catalysis (PCC)</td></tr> <tr><td>IIIa</td><td>:</td><td>Polymer and Materials Chemistry (PMC)</td></tr> <tr><td>Va</td><td>:</td><td>ICPAC General Session (IGS)</td></tr> <tr><td>Iq</td><td>:</td><td>Organic and Biomolecular Chemistry (OBC)</td></tr> </table>	la	:	Organic and Biomolecular Chemistry (OBC)	li	:	Organic and Biomolecular Chemistry (OBC)	IIa	:	Physical Chemistry and Catalysis (PCC)	IIIa	:	Polymer and Materials Chemistry (PMC)	Va	:	ICPAC General Session (IGS)	Iq	:	Organic and Biomolecular Chemistry (OBC)
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1600 – 1630	Refreshments																		
1630 - 1830	<p><b>Parallel Sessions</b></p> <table border="0"> <tr><td>Ib</td><td>:</td><td>Organic and Biomolecular Chemistry (OBC)</td></tr> <tr><td>Ij</td><td>:</td><td>Organic and Biomolecular Chemistry (OBC)</td></tr> <tr><td>IIb</td><td>:</td><td>Physical Chemistry and Catalysis (PCC)</td></tr> <tr><td>IIIb</td><td>:</td><td>Polymer and Materials Chemistry (PMC)</td></tr> <tr><td>VIa</td><td>:</td><td>Inorganic and Coordination Chemistry (ICC)</td></tr> <tr><td>VI f</td><td>:</td><td>Inorganic and Coordination Chemistry (ICC)</td></tr> </table>	Ib	:	Organic and Biomolecular Chemistry (OBC)	Ij	:	Organic and Biomolecular Chemistry (OBC)	IIb	:	Physical Chemistry and Catalysis (PCC)	IIIb	:	Polymer and Materials Chemistry (PMC)	VIa	:	Inorganic and Coordination Chemistry (ICC)	VI f	:	Inorganic and Coordination Chemistry (ICC)
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1830	<b>End</b>																		

<b>Wednesday, October 31, 2018</b>	
<b>0900 – 1000</b>	<b>Parallel Sessions</b>
	Ic : Organic and Biomolecular Chemistry (OBC)
	Ik : Organic and Biomolecular Chemistry (OBC)
	IIc : Physical Chemistry and Catalysis (PCC)
	IIIc : Polymer and Materials Chemistry (PMC)
	VIb : Inorganic and Coordination Chemistry (ICC)
	Ir : Organic and Biomolecular Chemistry (OBC)
<b>1000 – 1030</b>	Refreshments
<b>1030 – 1245</b>	<p><b>PLENARY SESSION</b></p> <p>Chairman I: Datuk Dr Soon Ting Kueh <i>Institut Kimia Malaysia, Malaysia</i></p> <p>Chairman II: Datin Dr Zuriati Zakaria <i>Institut Kimia Malaysia, Malaysia</i></p> <p><b>Plenary Lecture 4:</b> <b>Title: Chemical Control of Epigenetics for the Treatment of Diseases</b> Professor Dr Takayoshi Suzuki <i>Kyoto Prefectural University of Medicine, Japan</i></p> <p><b>Plenary Lecture 5:</b> <b>Title: Membrane Proteins in Action; Structural and Functional Dynamics Revealed by Time-resolved Measurements</b> Professor Dr Tetsunari Kimura <i>Kobe University, Japan</i></p> <p><b>Plenary Lecture 6:</b> <b>Title: Big Data and Artificial Intelligence (AI) in Chemistry</b> Professor Dr David A Winkler <i>La Trobe University, Australia</i></p>
<b>1300 – 1400</b>	<b>Lunch / Posters</b>
<b>1400 – 1600</b>	<b>Parallel Sessions</b>
	Id : Organic and Biomolecular Chemistry (OBC)
	II : Organic and Biomolecular Chemistry (OBC)
	IIId : Physical Chemistry and Catalysis (PCC)
	IIIId : Polymer and Materials Chemistry (PMC)
	IVa : Analytical and Environmental Chemistry & Engineering (AEC)
	IVc : Analytical and Environmental Chemistry & Engineering (AEC)
<b>1600 – 1630</b>	Refreshments
<b>1630 - 1800</b>	<b>Parallel Sessions</b>
	Ie : Organic and Biomolecular Chemistry (OBC)
	Im : Organic and Biomolecular Chemistry (OBC)
	Ile : Physical Chemistry and Catalysis (PCC)

## 19MICC & ICPAC Langkawi 2018 – Full Programme

	IIIe	:	Polymer and Materials Chemistry (PMC)
	Vb	:	ICPAC General Session (IGS)
	IIIi	:	Physical Chemistry and Catalysis (PCC)
<b>1830 – 2230</b>	<b>ICPAC 2018 Congress Banquet</b>		

Friday, November 2, 2018			
<b>0900 – 1000</b>	<b>Parallel Sessions</b>		
	If	:	Organic and Biomolecular Chemistry (OBC)
	In	:	Organic and Biomolecular Chemistry (OBC)
	IIIf	:	Physical Chemistry and Catalysis (PCC)
	IIIIf	:	Polymer and Materials Chemistry (PMC)
	VIC	:	Inorganic and Coordination Chemistry (ICC)
<b>1000 – 1030</b>	Refreshments		
<b>1030 - 1300</b>	<b>Parallel Sessions</b>		
	Ig	:	Organic and Biomolecular Chemistry (OBC)
	Io	:	Organic and Biomolecular Chemistry (OBC)
	IIg	:	Physical Chemistry and Catalysis (PCC)
	IIIg	:	Polymer and Materials Chemistry (PMC)
	VId	:	Inorganic and Coordination Chemistry (ICC)
<b>1300 – 1400</b>	<b>Lunch / Posters</b>		
<b>1400 – 1600</b>	<b>Parallel Sessions</b>		
	Ih	:	Organic and Biomolecular Chemistry (OBC)
	Ip	:	Organic and Biomolecular Chemistry (OBC)
	IIh	:	Physical Chemistry and Catalysis (PCC)
	IVb	:	Analytical and Environmental Chemistry & Engineering (AEC)
	VIe	:	Inorganic and Coordination Chemistry (ICC)
<b>1600 – 1630</b>	Refreshments		
<b>1630</b>	<b>End</b>		

### Session Code : Thematic Session Name (Abbreviation)

<b>I</b>	:	Symposium on Organic and Biomolecular Chemistry (OBC)
<b>II</b>	:	Symposium on Physical Chemistry and Catalysis (PCC)
<b>III</b>	:	Symposium on Polymer and Materials Chemistry (PMC)
<b>IV</b>	:	Symposium on Analytical and Environmental Chemistry & Engineering (AEC)
<b>V</b>	:	ICPAC General Session (IGS)
<b>VI</b>	:	Symposium on Inorganic and Coordination Chemistry (ICC)

## 19MICC & ICPAC Langkawi 2018 – Programme at a Glance

### 19MICC & ICPAC Langkawi 2018 Bay View Hotel, Langkawi, Malaysia 30<sup>th</sup> October– 2<sup>nd</sup> November 2018

#### Programme at a Glance

<b>Tuesday, 30 October 2018</b>						
	<b>Main Ballroom</b>	<b>Aquamarine</b>	<b>Ruby</b>	<b>Emerald</b>	<b>Diamond</b>	<b>Crystal</b>
0800 - 1630	Registration					
0900 - 1000	<b>Opening Ceremony</b>				<b>Venue: Main Ballroom</b>	
1000 - 1030	Refreshment, Poster Viewing					
1030 - 1300	<b>Plenary Lecture 1, 2 &amp; 3</b>				<b>Venue: Main Ballroom</b>	
1300 - 1400	Lunch					
1400 - 1600	OBC	OBC	PCC	PMC	IGS	OBC
1600 - 1630	Refreshment, Poster Viewing					
1630 - 1845	OBC	OBC	PCC	PMC	ICC	ICC
1830	End of Sessions					

  

<b>Wednesday, 31 October 2018</b>						
	<b>Main Ballroom</b>	<b>Aquamarine</b>	<b>Ruby</b>	<b>Emerald</b>	<b>Diamond</b>	<b>Crystal</b>
0830 - 1630	Registration					
0900 - 1000	OBC	OBC	PCC	PMC	ICC	OBC
1000 - 1030	Refreshment, Poster Viewing					
1030 - 1300	<b>Plenary Lecture 4, 5 &amp; 6</b>				<b>Venue: Main Ballroom</b>	
1300 - 1400	Lunch					
1400 - 1600	OBC	OBC	PCC	PMC	AEC	AEC
1600 - 1630	Refreshment, Poster Viewing					
1630 - 1800	OBC	OBC	PCC	PMC	IGS	PCC
1800	End of Sessions					
1930 - 2230	19MICC & ICPAC Langkawi Congress Banquet					

## 19MICC & ICPAC Langkawi 2018 – Programme at a Glance

<b>Thursday, 1 November 2018</b>					
0830 - 1500	Langkawi Tour				
<b>Friday, 2 November 2018</b>					
	<b>Main Ballroom</b>	<b>Aquamarine</b>	<b>Ruby</b>	<b>Emerald</b>	<b>Diamond</b>
0830 - 1400	Registration				
0900 - 1000	OBC	OBC	PCC	PMC	ICC
1000 - 1030	Refreshment, Poster Viewing				
1030 - 1300	OBC	OBC	PCC	PMC	ICC
1300 - 1400	Lunch				
1400 - 1600	OBC	OBC	PCC	AEC	ICC
1600 - 1630	Refreshment				
1630	<b>End of Congress</b>				

Tuesday, 30 October 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Main Ballroom	
0900 – 1000	Opening Ceremony
1000 – 1030	Refreshments
1030 – 1245	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
1300 – 1400	Lunch
Session Ia	<b>Chairperson: Datin Dr Zuriati Zakaria Malaysian Institute of Chemistry, Malaysia</b>
1400 – 1420	OBC 01 (Invited Lecture) <b>Total Synthesis of Antifouling Natural Products toward Development of Molecular Probe</b> Taiki Umezawa Hokkaido University, Japan
1420 – 1440	OBC 02 (Invited Lecture) <b>Total Synthesis of Avenaol: New Strategy for Synthesis of All-cis-Substituted Cyclopropane Natural Products</b> Chihiro Tsukano Kyoto University, Japan
1440 – 1500	OBC 03 (Invited Lecture) <b>Enantioselective Synthesis and Neuroactivity-switching of Artificial Glutamate Analogs</b> Masato Oikawa Yokohama City University, Japan
1500 – 1520	OBC 04 (Invited Lecture) <b>Three-Color Mechanochromic Luminescence Of Solid-State Emissive Organic Fluorophores</b> Suguru Ito Yokohama National University, Japan
1520 – 1540	OBC 05 (Invited Lecture) <b>Mechanistic Study of Terpene Synthase Using Deuterium Labelled Ligands</b> Tetsuro Shinada Osaka Prefecture University, Japan
1540 – 1600	OBC 06 (Invited Lecture) <b>Development of Photochromic Compounds Involving Intramolecular Hydrogen Bond; Synthesis of Carbazoles Forming Intramolecular Hydrogen Bond</b> Masatsugu Taneda Osaka Kyoiku University, Japan
1600 – 1630	Refreshments
Session Ib	<b>Chairperson: Prof Dr Yang Farina Abdul Aziz National University of Malaysia, Malaysia</b>
1630 – 1650	OBC 07 (Invited Lecture) <b>Catalytic and Enantioselective Diels-Alder Reaction of Acid-Sensitive Silyloxydienes</b> Shinji Harada Chiba University, Japan
1650 – 1710	OBC 08 (Invited Lecture) <b>Synthetic Methods Using a Novel Concept “Pseudo-Intramolecular Process”</b> Nagatoshi Nishiwaki Kochi University of Technology, Japan

<b>1710 – 1730</b>	OBC 09 (Award Lecture) <b>AgNTf2-Mediated Amination/Cyclization Cascade and Application to Total Synthesis of (+)- Pestalazine B</b> Hidetoshi Tokuyama Tohoku University, Japan
<b>1730 - 1750</b>	OBC 10 (Invited Lecture) <b>Isolation and Functional Analysis of Novel Compounds with Selective Cytotoxicity under Glucose-restricted Conditions</b> Osamu Ohno Kogakuin University, Japan
<b>1750 - 1810</b>	OBC 11 (Invited Lecture) <b>Structure, Total Synthesis and Biological Activities of Marine Lipopeptide Jahanyne and its Analogs</b> Arihiro Iwasaki Keio University, Japan
<b>1810 - 1830</b>	OBC 12 (Invited Lecture) <b>Asymmetric Total Syntheses of Eurotiumides</b> Atsushi Nakayama Tokushima University, Japan
<b>1830</b>	End

**Wednesday, 31 October 2018**

Thematic Session:

**Organic and Biomolecular Chemistry (OBC)**

Venue: Main Ballroom

<b>Session Ic</b>	<b>Chairperson: Madam Marhayani Binti Md. Saad</b> <b>Department of Chemistry, Malaysia</b>	
<b>0900 – 0920</b>	OBC 13 (Invited Lecture) <b>Copper-Catalyzed Acetoxysulfonylation and Hydrosulfonylation of Alkenes Using Thiols</b> Nobukazu Taniguchi Fukushima Medical University, Japan	
<b>0920 – 0940</b>	OBC 14 (Award Lecture) <b>5-Aminothiazoles: New Fluorescent Molecules Showing Multi-Chromism</b> Toshiaki Murai Gifu University, Japan	
<b>0940 – 1000</b>	OBC 15 (Invited Lecture) <b>Non-Classical Control Of Circularly Polarized Luminescence (CPL) Of Chiral Luminophores</b> Yoshitane Imai Kindai University, Japan	
<b>1000 –1030</b>	Refreshments	
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6	<i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i>
<b>1300 – 1400</b>	Lunch/Posters	
<b>Session Id</b>	<b>Chairperson: Prof Dr Keiji Mori</b> <b>Tokyo University of Agriculture and Technology, Japan</b>	
<b>1400 – 1420</b>	OBC 16 (Award Lecture) <b>Synthesis Of Trifluoromethyl Heterocycles Via Palladium-<math>\Pi</math>-Benzyl Intermediates</b> Norio Shibata Nagoya Institute of Technology, Japan	

<b>1420 – 1440</b>	OBC 17 (Invited Lecture) <b>Cell-applicable Caged Compounds for Nitric Oxide and Its Related Species</b> Hidehiko Nakagawa Nagoya City University, Japan
<b>1440 – 1500</b>	OBC 18 (Invited Lecture) <b>Total Synthesis and Biological Evaluation of L-755,807</b> Kenichi Kobayashi Meiji Pharmaceutical University, Japan
<b>1500 – 1520</b>	OBC 19 (Invited Lecture) <b>Ion-Pairing Dimension-Controlled Assemblies Based on <math>\pi</math>-Electronic Ions</b> Yohei Haketa Ritsumeikan University, Japan
<b>1520– 1540</b>	OBC 20 (Invited Lecture) <b>Synthesis of Highly Fused Azacorannulenes</b> Shingo Ito The University of Tokyo, Japan
<b>1540 – 1600</b>	OBC 21 (Invited Lecture) <b>Halogen-containing Environmental Chemicals Bind to Nuclear Receptors</b> Ayami Matsushima Kyushu University, Japan
<b>1600 – 1630</b>	Refreshments
<b>Session Ie</b>	<b>Chairperson: Prof Dr Takayoshi Suzuki</b> <b>Kyoto Prefectural University of Medicine, Japan</b>
<b>1630 – 1700</b>	OBC 22 (Keynote Lecture) <b>Chiral Magnesium Bisphosphate Catalyzed Asymmetric Double C(sp<sup>3</sup>)-H Bond Functionalization Based on Sequential Hydride/Cyclization System</b> Keiji Mori Tokyo University of Agriculture and Technology, Japan
<b>1700 – 1720</b>	OBC 23 (Invited Lecture) <b>Water insertion reactions in the oxygen-evolving complex of photosystem II revealed by QM/MM calculations</b> Mitsuo Shoji University of Tsukuba, Japan
<b>1720 – 1740</b>	OBC 24 (Invited Lecture) <b>A Novel Conversion of Vinyl Triflates into <math>\alpha</math>-Trifluoromethylated Ketones</b> Takuji Kawamoto Yamaguchi University, Japan
<b>1740 – 1800</b>	OBC 25 (Invited Lecture) <b>Bivalent N-Acetylglucosamine Glycosides: Effect of Scaffold Constraint on Lectin-Carbohydrate Interaction</b> Takahiko Matsushita Saitama University, Japan
<b>1800</b>	End



Friday, 02 November 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Main Ballroom	
<b>Session If</b>	<b>Chairperson: Assoc Prof Dr Kathiresan a/I Sathasivam Asian Institute of Medicine, Science and Technology, Malaysia</b>
<b>0900 – 0920</b>	OBC 77 (Invited Lecture) <b>Ruthenium-Phosphinous Acid Catalysts for Nitrile Hydration Reactions and Hydration/Bioreduction Cascade Processes in Aqueous Media</b> Victorio Cadierno University of Oviedo, Spain
<b>0920 – 0940</b>	OBC 60 (Invited Lecture) <b>Unique Peptide Nanostructures Via Metal-Directed Folding And Assembly</b> Tomohisa Sawada The University of Tokyo, Japan
<b>0940 – 1000</b>	OBC 27 (Invited Lecture) <b>Controllable Stereoselective Synthesis of (Z)- and (E) Homoallylic Alcohols Using a Palladium-Catalyzed Three-Component Reaction</b> Yoshikazu Horino University of Toyama, Japan
<b>1000 – 1030</b>	Refreshments
<b>Session Ig</b>	<b>Chairperson: Assoc Prof Dr Kathiresan a/I Sathasivam Asian Institute of Medicine, Science and Technology, Malaysia</b>
<b>1030 – 1100</b>	OBC 28 (Keynote Lecture) <b>Proton NMR Spectrum Of The Glyceride Backbone Of The Triacylglycerols In Edible Oils. Application In The Analysis Of The Fatty Acid Composition At The Sn-2 Position Of The Triacylglycerols</b> Ng Soon University of Malaya, Malaysia
<b>1100 – 1120</b>	OBC 29 (Award Lecture) <b>Highly Efficient Photochromic System Based On Spiro-Functionalized Diarylethene</b> Tetsuya Nakagawa Yokohama National University, Japan
<b>1120 – 1140</b>	OBC 30 (Invited Lecture) <b>Conformational Analysis of Peptides Having <math>\alpha,\alpha</math>-Disubstituted <math>\alpha</math>-Amino Acids and Their Uses as an Organocatalyst</b> Atsushi Ueda Nagasaki University, Japan
<b>1140 – 1200</b>	OBC 31 (Invited Lecture) <b>Regio- and Chemoselective C–H Arylation of Benzylamines by Single Electron Transfer/Hydrogen Atom Transfer Synergistic Catalysis</b> Hiromichi Egami University of Shizuoka, Japan
<b>1200 – 1220</b>	OBC 32 (Invited Lecture) <b>Biphenol/B(OH)<sub>3</sub> catalytic system for Nazarov cyclization under mild reaction conditions</b> Kenji Sugimoto University of Toyama, Japan
<b>1220 – 1240</b>	OBC 33 (Invited Lecture) <b>Synthesis of Englerin A via Regio- and Diastereoselective [4 + 3] Cycloaddition</b> Mitsuru Shoji Yokohama University of Pharmacy, Japan
<b>1240 – 1300</b>	OBC 40 (Invited Lecture)

	<p><b>Spectroscopic properties of the di-iron active site of a sensory [FeFe] hydrogenase</b>                  Hideaki Ogata                  Hokkaido University, Japan</p>
<b>1300 – 1400</b>	Lunch / Posters
<b>Session 1h</b>	<p><b>Chairperson: Mr Ahmad Nazri Husain</b>  <b>Department of Chemistry, Malaysia</b></p>
<b>1400 – 1420</b>	<p>OBC 35 (Invited Lecture)  <b>Development of visible and near-infrared light controllable NO releasers and their application for photomanipulation of vasodilation</b>                  Naoya Ieda                  Nagoya City University, Japan</p>
<b>1420 – 1440</b>	<p>OBC 38 (Invited Lecture)  <b>Carbon Monoxide Surrogates for Safe, Practical, and Catalytic Reactions</b>                  Hideyuki Konishi                  University of Shizuoka, Japan</p>
<b>1440 – 1500</b>	<p>OBC 39 (Invited Lecture)  <b>Chemical Synthesis and Biosynthesis of Scarce Natural Products</b>                  Takefumi Kuranaga                  Kyoto University, Japan</p>
<b>1600 – 1630</b>	Refreshments
<b>1630</b>	End

Tuesday, 30 October 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Aquamarine	
0900 – 1000	Opening Ceremony
1000 – 1030	Refreshments
1030 – 1245	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
1300 – 1400	Lunch
Session Ii	<b>Chairperson: Prof Dr Ho Chee Cheong</b> <b>Malaysian Institute of Chemistry</b>
1400 – 1420	OBC 41 (Invited Lecture) <b>Catalytic Asymmetric Umpolung Michael/Cyclization Cascade Process of <math>\alpha</math>-Imino Carbonyl Compounds</b> Yasushi Yoshida Chiba University, Japan
1420 – 1440	OBC 42 (Oral Presentation) <b>Synthesis, Characterization And Determination Of Liquid Crystal Behavior Of Hexasubstituted Cyclotriphosphazene Derivatives With Schiff Base Linking Unit</b> Melati Khairuddean Universiti Sains Malaysia, Malaysia
1440 – 1500	OBC 43 (Invited Lecture) <b>Modeling of Reactive Intermediates of Selenoenzymes by Utilizing Nano-sized Molecular Cavities</b> Kei Goto Tokyo Institute of Technology, Japan
1500 – 1520	OBC 44 (Invited Lecture) <b>Strong Base-Catalyzed Hydroamination of Alkenes</b> Yasutomo Yamamoto Doshisha University, Japan
1520 – 1540	OBC 45 (Invited Lecture) <b>Transfer of Biomaterials by Endocytic Movement of Membrane</b> Masahiro Takagi Japan Advanced Institute of Science and Technology, Japan
1540 – 1600	OBC 46 (Invited Lecture) <b>Palladium/Carboxylic acid-catalyzed Alkenylation of Arenes leading to Extended-Conjugate Aromatics</b> Yasunori Minami Chuo University, Japan
1600 – 1630	Refreshments
Session Ij	<b>Chairperson: Dr Jenny Lee Nyuk Len</b> <b>Agriculture Department of Sabah, Malaysia</b>
1630 – 1650	OBC 47 (Invited Lecture) <b>Lipase/Metal Combo-Catalyzed Dynamic Kinetic Resolution: Quantitative Conversion of Racemates into Optically Pure Molecules</b> Shuji Akai Osaka University, Japan
1650 – 1710	OBC 48 (Invited Lecture) <b>Copper-Catalyzed Oxidative C(sp<sup>3</sup>)-H Functionalization for the Synthesis of Heteroaromatics</b> Kanako Kumada Tohoku University, Japan

<b>1710 – 1730</b>	OBC 49 (Invited Lecture) <b>Rhodium(I)-Catalyzed Arylative Annulation Involving Rhodium Migration</b> Takanori Matsuda Tokyo University of Science, Japan
<b>1730 - 1750</b>	OBC 50 (Invited Lecture) <b>Palladium-Catalyzed Dearomative Carboxylation of Indole Derivatives</b> Tsuyoshi Mita Hokkaido University, Japan
<b>1750 - 1810</b>	OBC 51 (Invited Lecture) <b><math>\pi</math>-Extended Polycyclic Aromatic Hydrocarbons Having Axial or Helical Chirality</b> Takashi Hirose Kyoto University, Japan
<b>1810 - 1830</b>	OBC 52 (Invited Lecture) <b>Detection and identification of colibactin, an undetectable genotoxin inducing colorectal cancer</b> Yuichiro Hirayama University of Shizuoka, Japan
<b>1830</b>	End

**Wednesday, 31 October 2018**

Thematic Session:

**Organic and Biomolecular Chemistry (OBC)**

Venue: Aquamarine

<b>Session I<sub>k</sub></b>	<b>Chairperson: Tuan Haji Mohamed Zaini Abdul Rahman</b> <b>Department of Chemistry, Malaysia</b>	
<b>0900 – 0920</b>	OBC 53 (Invited Lecture) <b>Synthesis and Application of Functionalized Tetracyanocyclopentadienides</b> Takeo Sakai Meijo University, Japan	
<b>0920 – 0940</b>	OBC 54 (Invited Lecture) <b>Synthesis And Characterization Of A Polycyclic <math>\Pi</math>-Conjugated System Incorporating An Azulene Unit</b> Akihito Konishi Osaka University, Japan	
<b>0940 – 1000</b>	OBC 55 (Oral Presentation) <b>Synthesis of Neopentylglycol Ester as Biolubricant Base Stock from Palm Oil Fatty Acids</b> Nurazira Binti Mohd Nor Universiti Kebangsaan Malaysia, Malaysia	
<b>1000 – 1030</b>	Refreshments	
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6	<i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i>
<b>1300 – 1400</b>	Lunch	
<b>Session II</b>	<b>Chairperson: Prof Dr Hiroto Yoshida</b> <b>Hiroshima University, Japan</b>	
<b>1400 – 1420</b>	OBC 56 (Invited Lecture) <b>One-pot Sequential or Simultaneous Ligation of Multiple Peptide Fragments for Facilitating Chemical Protein Synthesis</b> Gosuke Hayashi The University of Tokyo, Japan	

<b>1420 – 1440</b>	OBC 57 (Oral Presentation) <b>Synthesis and in silico Study of 4-aminoquinoline-pyranopyrazole Derivatives as Anti-malarial Agents</b> Nurul Izzaty Hassan Universiti Kebangsaan Malaysia, Malaysia
<b>1440 – 1500</b>	OBC 58 (Invited Lecture) <b>Isolation, Structure Determination, And Biological Activity Of Lipopeptides From Okinawan Marine Cyanobacterium</b> Toshiaki Teruya University of the Ryukyus, Japan
<b>1500 – 1520</b>	OBC 59 (Invited Lecture) <b>Dissecting And Harnessing Fungal Biosynthetic Pathway</b> Yuta Tsunematsu University of Shizuoka, Japan
<b>1520– 1540</b>	OBC 82 (Invited Lecture) <b>Self-assembly of a Series of Boroxine Cages and Dynamic Interconversion between Boroxine Cages</b> Kosuke Ono Tokyo University of Science, Japan
<b>1540 – 1600</b>	OBC 61 (Invited Lecture) <b>Silicon-tether Strategy for Intramolecular [4+2] Cycloaddition of Benzyne with Dienes</b> Hiroshi Takikawa Kyoto University, Japan
<b>1600 – 1630</b>	Refreshments
<b>Session Im</b>	<b>Chairperson: Prof Dr Tetsunari Kimura Kobe University, Japan</b>
<b>1630 – 1700</b>	OBC 62 (Keynote Lecture) <b>Anthranilamide (aam)-Substituted Diboron: Palladium-Catalyzed Selective B(aam) Transfer</b> Hiroto Yoshida Hiroshima University, Japan
<b>1700 – 1720</b>	OBC 63 (Invited Lecture) <b>DNA Nanoplate-Based Functional Microdroplets Furnished With Ion-Channel Function</b> Daisuke Ishikawa Tokyo Metropolitan University, Japan
<b>1720 – 1740</b>	OBC 64 (Invited Lecture) <b>Catalytic C–H Alkylation by Way of Amidoiridium Species</b> Takahiro Nishimura Osaka City University, Japan
<b>1740 – 1800</b>	OBC 65 (Oral Presentation) <b>Highly Diastereoselective Aldol Reaction by Chelated Germyl Enolates and Transformation into Functionalized Triols Bearing Multi-Stereocenters</b> Yohei Minami Osaka University, Japan
<b>1800</b>	End

Friday, 02 November 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Aquamarine	
<b>Session In</b>	<b>Chairperson: Dr Yeoh Kim Weng</b> <b>Young Innovative Chemicals, Malaysia</b>
<b>0900 – 0920</b>	OBC 66 (Oral Presentation) <b>Synthetic Studies towards Juglomycins C–F</b> Keisuke Hosaka Tokyo University of Science, Japan
<b>0920 – 0940</b>	OBC 67 (Invited Lecture) <b>Biomedical Functions of Cyanobacterial Super-polysaccharides from <i>Aphanothece sacrum</i></b> Maiko Okajima Japan Advanced Institute of Science and Technology, Japan
<b>0940 – 1000</b>	OBC 68 (Oral Presentation) <b>2-Azanorbornane-Based Organocatalyst for Asymmetric Michael Addition</b> Rei Togashi Muroran Institute of Technology, Japan
<b>1000 – 1030</b>	Refreshments
<b>Session Io</b>	<b>Chairperson: Dr Yeoh Kim Weng</b> <b>Young Innovative Chemicals, Malaysia</b>
<b>1030 – 1100</b>	OBC 69 (Keynote Lecture) <b>Reductive CO<sub>2</sub> homologation: de novo synthesis of a C3 carbohydrate</b> Sebastien Bontemps Laboratory Chemistry Coordination Of CNRS, France
<b>1100 – 1120</b>	OBC 70 (Invited Lecture) <b>Synthesis of novel Terpyridine Derivative Proligands for Measuring of Cytotoxicity Mediated by Immune Cells</b> Satoshi Mizuta Nagasaki University, Japan
<b>1120 – 1140</b>	OBC 71 (Invited Lecture) <b>Synthesis of Phosphaphenalenium Salts by P–C Reductive Elimination at a Ruthenium Center and Their Fluorescence Properties</b> Takuya Kuwabara Chuo University, Japan
<b>1140 – 1200</b>	OBC 72 (Oral Presentation) <b>Development of novel fluorogenic substrates to detect enzymatic activities in biological sample at single protein level</b> Shingo Sakamoto The University of Tokyo, Japan
<b>1200 – 1220</b>	OBC 73 (Invited Lecture) <b>Simple Amino Alcohol and Amino Amide Organocatalysts for Asymmetric Reactions</b> Hiroto Nakano Muroran Institute of Technology, Japan
<b>1220 – 1240</b>	OBC 74 (Invited Lecture) <b>Synthesis and Interconversion of Nonionic Vanadium Oxide Clusters Capped with 4,4'-Di-tert-butyl-2,2'-bipyridine</b> Shintaro Kodama Osaka Prefecture University, Japan

<b>1240 – 1300</b>	OBC 75 (Invited Lecture) <b>Bioinspired Total Syntheses of Natural Naphthoquinone Dimers</b> Kouji Kuramochi Tokyo University of Science, Japan
<b>1300 – 1400</b>	Lunch / Posters
<b>Session Ip</b>	<b>Chairperson: Dr Sebastien Bontemps</b> <b>Laboratoire de Chimie de Coordination CNRS, France</b>
<b>1400 – 1420</b>	OBC 79 (Invited Lecture) <b>Synthesis and Reactions of Fluorinated Benzocyclobutenone Derivatives</b> Hideki Amii Gunma University, Japan
<b>1420 – 1440</b>	OBC 80 (Invited Lecture) <b>White-Light Emission from a Single Fluorescent Dye and Fluoride with Dual Fluorescence</b> Masaki Takahashi University of Yamanashi, Japan
<b>1600 – 1630</b>	Refreshments
<b>1630</b>	<b>End</b>

Tuesday, 30 October 2018	
Thematic Session: Physical Chemistry and Catalysis (PCC)	
Venue: Ruby	
<b>0900 – 1000</b>	Opening Ceremony
<b>1000 – 1030</b>	Refreshments
<b>1030 – 1245</b>	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup>Floor</i></span>
<b>1300 – 1400</b>	Lunch
<b>Session IIa</b>	<b>Chairperson: Dr Boey Peng Lim</b> <b>Malaysian Institute of Chemistry</b>
<b>1400 – 1420</b>	PCC 01 (Invited Lecture) <b>Synthesis of 5-hydroxymethyl-2-furaldehyde from 2-furaldehyde in an aqueous formaldehyde solution over zeolite catalysts</b> Shun Nishimura Japan Advanced Institute of Science and Technology, Japan
<b>1420 – 1440</b>	PCC 02 (Invited Lecture) <b>Electronic-Structure Informatics for Discovery of Molecules</b> Manabu Sugimoto Kumamoto University, Japan
<b>1440 – 1500</b>	PCC 03 (Invited Lecture) <b>Ultrathin Nanosheet pn-junction Photocatalyst for Water Splitting</b> Shintaro Ida Kumamoto University, Japan
<b>1500 – 1520</b>	PCC 33 (Invited Lecture) <b>Applications of rPM6 to Catalytic Oxidation Reactions</b> Toru Saito Hiroshima City University, Japan
<b>1520 – 1540</b>	PCC 05 (Award Lecture) <b>Visual Understanding of Electronic Transitions and Its Applications to Luminescent Materials for Organic-Light Emitting Diodes</b> Katsuyuki Shizu Kyoto University, Japan
<b>1540 – 1600</b>	PCC 06 (Invited Lecture) <b>Two-dimensional Interfacial Coupling in van der Waals-Electrostatic Heterostructures</b> Takaaki Taniguchi National Institute for Materials Science, Japan
<b>1600 – 1630</b>	Refreshments
<b>Session IIb</b>	<b>Chairperson: Dr Shangeetha Ganesan</b> <b>Universiti Sains Malaysia, Malaysia</b>
<b>1630 – 1650</b>	PCC 07 (Invited Lecture) <b>Autonomous Self-Optimizing Flow Reactor for the Synthesis of Carpanone</b> François-Xavier Felpin Université de Nante, France
<b>1650 – 1710</b>	PCC 08 (Invited Lecture) <b>Functions and Applications of Photoresponsive Molecular Assemblies using the Inner Environment</b> Masaaki Akamatsu Tokyo University of Science, Japan



<b>1710 – 1730</b>	PCC 09 (Invited Lecture) <b>Effect of Dynamic Equilibrium of Binding-Dissociation of Ligands on Photoexcited State of Ligand-Protected Ag<sub>29</sub> Cluster</b> Yoshiki Niihori Rikkyo University, Japan
<b>1730 - 1750</b>	PCC 10 (Invited Lecture) <b>A Computational Study of Shape Effect of Metal Nanoparticles on CO Adsorption</b> Kyoichi Sawabe Nagoya University, Japan
<b>1750 - 1810</b>	PCC 11 (Invited Lecture) <b>Computational Chemistry for Energy and Environmental Technologies</b> Michihisa Koyama National Institute for Materials Science, Japan
<b>1810 - 1830</b>	PCC 12 (Invited Lecture) <b>Theoretical study for the hetero-junction effect of Au catalysts</b> Mitsutaka Okumura Osaka University, Japan
<b>1830</b>	End

**Wednesday, 31 October 2018**

Thematic Session:

**Physical Chemistry and Catalysis (PCC)**

Venue: Ruby

<b>Session IIc</b>	<b>Chairperson: Datin Maimonah Sulaiman</b> <b>Department of Chemistry , Malaysia</b>
<b>0900 – 0920</b>	PCC 13 (Award Lecture) <b>Inorganic Nanocatalysts for Efficient Power Storage into liquid</b> Miho Yamauchi Kyushu University, Japan
<b>0920 – 0940</b>	PCC 14 (Invited Lecture) <b>Surface Modification of TiO<sub>2</sub> Nanomaterials by In-liquid Plasma</b> Chiaki Terashima Tokyo University of Science, Japan
<b>0940 – 1000</b>	PCC 15 (Oral Presentation) <b>Investigation of factors expressing anti-algal effect by solution plasma treatment for agricultural applications</b> Shoki Suzuki Tokyo University of Science, Japan
<b>1000 –1030</b>	Refreshments
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
<b>1300 – 1400</b>	Lunch
<b>Session IIId</b>	<b>Chairperson: Assoc Prof Dr Juan Joon Ching</b> <b>University of Malaya, Malaysia</b>
<b>1400 – 1420</b>	PCC 21 (Invited Lecture) <b>The origin of bulk-nitride composition of group 5 metals as revealed by nitridation of tantalum cluster cations by ammonia molecules</b> Masashi Arakawa Kyushu University, Japan
<b>1420 – 1440</b>	PCC 17 (Oral Presentation) <b>Synthesis of diamond materials using microwave plasma in-liquid CVD process</b> Kazuya Miyasaka Tokyo University of Science, Japan

<b>1440 – 1500</b>	PCC 18 (Invited Lecture) <b>Enhancing the efficiency of carotenoid to bacteriochlorophyll excitation energy-transfer in photosynthetic light-harvesting complexes</b> Hideki Hashimoto Kwansei Gakuin University, Japan
<b>1500 – 1520</b>	PCC 19 (Invited Lecture) <b>Enhanced and Controlled Activity of Enzymes Bound to Oxide Layers</b> Kai Kamada Nagasaki University, Japan
<b>1520– 1540</b>	PCC 20 (Invited Lecture) <b>Mechanism and Characteristics of Long Persistent Luminescence of ZrO<sub>2</sub> Phosphors</b> Kenichiro Iwase Tokyo University of Science, Japan
<b>1540 – 1600</b>	PCC 16 (Invited Lecture) <b>Frontier of TiO<sub>2</sub> Functionalization –From Materials Design to Operating Environment Control</b> Yusuke Ide National Institute for Materials Science, Japan
<b>1600 – 1630</b>	Refreshments
<b>Session IIe</b>	<b>Chairperson: Dr Lee Kian Mun</b> <b>University of Malaya, Malaysia</b>
<b>1630 – 1700</b>	PCC 22 (Keynote Lecture) <b>Application of Modified Titania as a Photocatalyst</b> Joon Ching Juan University of Malaya, Malaysia
<b>1700 – 1720</b>	PCC 23 (Invited Lecture) <b>Investigation on the catalytic performances of Ru/nanoporous CeO<sub>2</sub> prepared from amorphous alloy</b> Ai Nozaki University of Hyogo, Japan
<b>1720 – 1740</b>	PCC 24 (Oral Presentation) <b>Synthesis of NiMo catalysts supported on mesoporous Al-SBA-15 with different morphologies and their catalytic performance of DBT HDS</b> Yuyang Li China University of Petroleum-Beijing, China
<b>1740 – 1800</b>	PCC 25 (Invited Lecture) <b>Photoelectrochemical Water Splitting Reaction using Ta<sub>3</sub>N<sub>5</sub> Thin-Film Photoanode and BaTaO<sub>2</sub>N Particulate Photoanode</b> Tomohiro Higashi The University of Tokyo, Japan
<b>1800</b>	End

Friday, 02 November 2018	
Thematic Session: Physical Chemistry and Catalysis (PCC)	
Venue: Ruby	
<b>Session II f</b>	<b>Chairperson: Assoc Prof Dr Nor Azowa Ibrahim Universiti Putra Malaysia, Malaysia</b>
<b>0900 – 0920</b>	PCC 26 (Invited Lecture) <b>Protectant-free synthesis of Cu nanoparticles on saponite and application to electron donor for photo-induced electron transfer</b> Masaya Miyagawa Chuo University, Japan
<b>0920 – 0940</b>	PCC 27 (Oral Presentation) <b>Surface Functionalize Activated Carbon of Zea mays L. (maize) Husk Leaf for Stabilization of Lipase</b> Nursyafreena Attan Universiti Teknologi Malaysia, Malaysia
<b>0940 – 1000</b>	PCC 28 (Invited Lecture) <b>Study of Impurity Tolerance of Pt/Metal-Oxide Anode Material for Polymer Electrolyte Fuel Cell by First-Principles Calculation</b> Nobuki Ozawa Tohoku University, Japan
<b>1000 – 1030</b>	Refreshments
<b>Session II g</b>	<b>Chairperson: Prof David Winkler Monash Institute of Pharmaceutical Sciences, Australia</b>
<b>1030 – 1100</b>	PCC 29 (Keynote Lecture and Award Lecture) <b>Ab initio MD analysis based on a reaction path network</b> Tetsuya Taketsugu Hokkaido University, Japan
<b>1100 – 1120</b>	PCC 30 (Oral Presentation) <b>Esterification of Free Fatty Acids Using Ammonium Ferric Sulphate-Calcium Silicate as A Heterogeneous Catalyst</b> Shangeetha Ganesan Universiti Sains Malaysia, Malaysia
<b>1120 – 1140</b>	PCC 31 (Invited Lecture) <b>Some Chemical Engineering Models by use of Cubic Equation of State</b> Tomoya Tsuji Tohoku University, Japan
<b>1140 – 1200</b>	PCC 41 (Invited Lecture) <b>Time-induced morphology transition of SAPO-34 and its influence on catalytic activity in MTO reactions</b> Shen Baojian China University of Petroleum, China
<b>1200 – 1220</b>	PCC 04 (Invited Lecture) <b>Motion of Macroparticle driven by Chemical Reaction in a Liquid: Molecular Dynamics Simulation of Solvation Motor</b> Ken Tokunaga Kogakuin University, Japan
<b>1220 – 1240</b>	PCC 34 (Invited Lecture) <b>Computational Analysis of Carbohydrate Recognition based on ab initio QM/MM Modeling</b> Toyokazu Ishida National Institute of Advanced Industrial Science and Technology, Japan

<b>1240 – 1300</b>	PCC 43 (Oral Presentation) <b>Extraction and Characterization of Cellulose Nanocrystals from tea leaf waste</b> Nor Azowa Ibrahim Universiti Putra Malaysia, Malaysia
<b>1300 – 1400</b>	Lunch / Posters
<b>Session IIh</b>	<b>Chairperson: Prof Dr Tetsuya Taketsugu</b> <b>Hokkaido University, Japan</b>
<b>1400 – 1420</b>	PCC 36 (Invited Lecture) <b>Development Of Analytical Energy Gradient For Two-Component Relativistic Time-Dependent Density Functional Theory</b> Muneaki Kamiya Gifu University, Japan
<b>1420 – 1440</b>	PCC 37 (Oral Presentation) <b>Transformation of Succinic Acid into Value-Added Chemicals using Solid Acid and Base Catalysts</b> Le Dinh Son Japan Advanced Institute of Science and Technology, Japan
<b>1440 – 1500</b>	PCC 38 (Invited Lecture) <b>Reverse Water Gas Shift Reaction Using Supported Ionic Liquid Phase (SILP) Catalyst</b> Tomohiro Yasuda Hokkaido University, Japan
<b>1500 – 1520</b>	PCC 39 (Invited Lecture) <b>Synthesis of ZSM-5/SBA-16 materials and its isomerization of dibenzothiophene and 4,6-dimethyldibenzothiophene</b> Aijun Duan China University of Petroleum, China
<b>1540 – 1600</b>	PCC 40 (Invited Lecture) <b>Field-Induced Time-Resolved Microwave Conductivity Technique for Evaluation of Charge Transporting Property of Organic Semiconductors</b> Tsuneaki Sakurai Kyoto University, Japan
<b>1600 – 1630</b>	Refreshments
<b>1630</b>	End

Tuesday, 30 October 2018	
Thematic Session: Polymer and Materials Chemistry (PMC)	
Venue: Emerald	
0900 – 1000	Opening Ceremony
1000 – 1030	Refreshments
1030 – 1245	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
1300 – 1400	Lunch
Session IIIa	<b>Chairperson: Prof Dr Mansor Ahmad Universiti Putra Malaysia, Malaysia</b>
1400 – 1420	PMC 01 (Invited Lecture) <b>Innovative Molecular Design of Transparent Bioplastics with Ultrahigh Thermal/Mechanical Performances</b> Tatsuo Kaneko Japan Advanced Institute of Science and Technology, Japan
1420 – 1440	PMC 02 (Invited Lecture) <b>Synthesis of Monodisperse Functional Polymer Microspheres by Precipitation Polymerization</b> Naoki Haraguchi Toyohashi University of Technology, Japan
1440 – 1500	PMC 03 (Invited Lecture) <b>Biomimetic surface reaction toward Graphene Nanoribbons</b> Takahiro Kojima Kyoto University, Japan
1500 – 1520	PMC 04 (Oral Presentation) <b>Optimization and characterization of cationic sago starch with Quat 188 in mild and nontoxic condition using resonance surface methodology</b> Nur'Izzah Binti Md Nasir Universiti Putra Malaysia, Malaysia
1520 – 1540	PMC 05 (Oral Presentation) <b>Characterization and Swelling Study of Carboxymethyl Sago Starch (CMSS)-Acid Hydrogel</b> Nur Fattima' Al-Zahara' Binti Tuan Mohamood Universiti Putra Malaysia, Malaysia
1540 – 1600	PMC 06 (Invited Lecture) <b>Clarification of Elementary Processes of Radical Polymerizations using Electron Spin Resonance (ESR/EPR) Spectroscopy</b> Atsushi Kajiwara Nara University of Education, Japan
1600 – 1630	Refreshments
Session IIIb	<b>Chairperson: Dr Malarvili Ramalingam Department of Chemistry, Malaysia</b>
1630 – 1650	PMC 25 (Invited Lecture) <b>Molecular Design and Synthesis for Tuning Thermo-Response of Biopolymers</b> Abu Bin Ihsan Toyama Prefectural University, Japan
1650 – 1710	PMC 08 (Oral Presentation) <b>Effect of Silica on the Porosity and Performance of Poly(lactic acid)-Poly(ethylene glycol) Membrane towards Palm Oil Mill Effluent Treatment</b> Farah Hannan Anuar Universiti Kebangsaan Malaysia, Malaysia

<b>1710 – 1730</b>	PMC 09 (Invited Lecture) <b>Structure and Properties of Lithium-Cation Endohedral [C<sub>60</sub>] Metallofullerene</b> Eunsang Kwon Tohoku University, Japan
<b>1730 - 1750</b>	PMC 10 (Invited Lecture) <b>The Simulation of Steady-State Optical Absorption Spectra on Carotenoids</b> Chiasa Uragami Kwansei Gakuin University, Japan
<b>1750 - 1810</b>	PMC 12 (Invited Lecture) <b>Spiroborate Cyclophanes for Supramolecular Polymerization</b> Hiroshi Danjo Konan University, Japan
<b>1810 - 1830</b>	PMC 15 (Invited Lecture) <b>Molecular Materials for Photon Upconversion</b> Nobuhiro Yanai Kyushu University, Japan
<b>1830</b>	End

**Wednesday, 31 October 2018**

 Thematic Session:  
**Polymer and Materials Chemistry (PMC)**

Venue: Emerald

<b>Session IIIc</b>	<b>Chairperson: Madam Rosnah Binti Awang</b> <b>Department of Chemistry, Malaysia</b>
<b>0900 – 0920</b>	PMC 13 (Invited Lecture) <b>Sulfur-rich Polymeric Nanomaterials: Synthesis and Applications</b> Hideharu Mori Yamagata University, Japan
<b>0920 – 0940</b>	PMC 14 (Invited Lecture) <b>Isomer Effects of [70]PCBM in Organic Photovoltaic Devices</b> Tomokazu Umeyama Kyoto University, Japan
<b>0940 – 1000</b>	PMC 11 (Invited Lecture) <b>Synergy Effect of Stereoregularity and N-Substituent on the Phase Transition Behavior of Aqueous Poly(N-alkylacrylamide)s</b> Tomohiro Hirano Tokushima University, Japan
<b>1000 – 1030</b>	Refreshments
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
<b>1300 – 1400</b>	Lunch
<b>Session III d</b>	<b>Chairperson: Assoc Prof Dr Chan Chin Han</b> <b>Universiti Teknologi MARA, Malaysia</b>
<b>1400 – 1420</b>	PMC 16 (Invited Lecture) <b>Thermoresponsive Swelling Properties of Designed Hydrogels with Crosslinked Domain Structure</b> Shohei Ida The University of Shiga Prefecture, Japan
<b>1420 – 1440</b>	PMC 17 (Invited Lecture) <b>First-principles Theoretical Study of Catalytic Reactions at Surfaces, Interfaces, and in Solution</b> Yoshitada Morikawa Osaka University, Japan

<b>1440 – 1500</b>	<p>PMC 18 (Oral Presentation)  A Facile Microextraction Method For GC-MS Determination Of Polycyclic Aromatic Hydrocarbons In Aqueous Matrices  Noorfatimah Yahaya  Universiti Sains Malaysia, Malaysia</p>
<b>1500 – 1520</b>	<p>PMC 19 (Oral Presentation)  <b>Styrene Epoxidation with Hydrogen Peroxide Catalyzed By Rice Husk Ash Derived Mesoporous Barium Silicate Hollow Sphere</b>  Tan Kok Hou  Universiti Sains Malaysia, Malaysia</p>
<b>1520– 1540</b>	<p>PMC 20 (Invited Lecture)  <b>Bottom-Up Synthesis Of Metalate Nanosheets By Aqueous Solution Process</b>  Takayuki Ban  Gifu University, Japan</p>
<b>1540 – 1600</b>	<p>PMC 21 (Invited Lecture)  <b>1,2-Regioselective 1-Hexene Oligomerization Catalyzed by Zirconium Complexes with [OSSO]-type Bis(phenolate) Ligands</b>  Norio Nakata  Saitama University, Japan</p>
<b>1600 – 1630</b>	Refreshments
<b>Session IIIe</b>	<b>Chairperson: Dr Kongkea Phan Cambodian Chemical Society, Cambodia</b>
<b>1630 – 1700</b>	<p>PMC 22 (Keynote Lecture)  <b>Selective Localization of Inorganic Salt in Poly(ethylene oxide)/Rubber -Based Composite Polymer Electrolytes</b>  Chan Chin Han  Universiti Teknologi MARA, Malaysia</p>
<b>1700 – 1720</b>	<p>PMC 23 (Oral Presentation)  <b>Stilbene-Imine Based Organic Dyes as Additives in CMC-NH<sub>4</sub>Cl for Proton Conducting Solid Polymer Electrolyte</b>  Rafizah Binti Rahamathullah  Universiti Malaysia Terengganu, Malaysia</p>
<b>1720 – 1740</b>	<p>PMC 24 (Invited Lecture)  <b>Effect of Inhomogeneous Compliance induced by Fiber Orientation in Polyampholyte Hydrogel on Adhesion in Water</b>  Takayuki Kurokawa  Hokkaido University, Japan</p>
<b>1740 – 1800</b>	<p>PMC 07 (Invited Lecture)  <b>Synthesis and Properties of Chiral Polymers Aiming at Efficient Circularly Polarized Light Emitters for OLED</b>  Tamaki Nakano  Hokkaido University, Japan</p>
<b>1800</b>	End

Friday, 02 November 2018	
Thematic Session: Polymer and Materials Chemistry (PMC)	
Venue: Emerald	
<b>Session III f</b>	<b>Chairperson: Dr Nor Aziyah binti Bakhari Universiti Teknologi MARA, Malaysia</b>
<b>0900 – 0920</b>	PMC 26 (Invited Lecture) <b>Development of Rotaxane-based Supramolecular Mechanoluminophores</b> Yoshimitsu Sagara Hokkaido University, Japan
<b>0920 – 0940</b>	PMC 27 (Invited Lecture) <b>Modification of Polymer Materials by Salt Addition</b> Masayuki Yamaguchi Japan Advanced Institute of Science and Technology, Japan
<b>0940 – 1000</b>	PMC 28 (Oral Presentation) <b>Core-Shell Structured Of Sio<sub>2</sub>-Ag Nanoparticles: Preparation, Characterization And Catalytic Property</b> Alyza Azzura Abd Rahman Azmi Universiti Malaysia Terengganu, Malaysia
<b>1000 – 1030</b>	Refreshments
<b>Session III g</b>	<b>Chairperson: Dr Nor Aziyah binti Bakhari Universiti Teknologi MARA, Malaysia</b>
<b>1030 – 1100</b>	PMC 29 (Keynote Lecture) <b>Carbon-bridged Oligo(phenylenevinylene)s: "Frozen" Molecules at Ambient Temperature</b> Hayato Tsuji Kanagawa University, Japan
<b>1100 – 1120</b>	PMC 30 (Invited Lecture) <b>Self-Assembled Organic Soft Microlasers and Photoswitchable Microarrays</b> Yohei Yamamoto University of Tsukuba, Japan
<b>1120 – 1140</b>	PMC 31 (Invited Lecture) <b>Mesoporous Polymers: Template-Free Fabrication and Separation Application</b> Sadaki Samitsu National Institute for Materials Science, Japan
<b>1140 – 1200</b>	PMC 32 (Invited Lecture) <b>Design, Synthesis, and Characterization of Zn(II)porphyrin as a Contrast Agent for Photoacoustic Imaging</b> Mashitah M. Yusoff Universiti Malaysia Pahang, Malaysia
<b>1200 – 1220</b>	PMC 33 (Invited Lecture) <b>Polymerization of Heterocycles using Organometallic Complexes: a Simple Approach to Sequence Control in Polymer Synthesis</b> Christophe Thomas Chimie ParisTech, France
<b>1220 – 1240</b>	PMC 34 (Invited Lecture) <b>Combustion Synthesis of Ti-Zr MAX Phase Solid Solutions</b> Gubarevich Anna Tokyo Institute of Technology, Japan



<b>1240 – 1300</b>	PMC 35 (Oral Presentation) <b>Frontiers In The Functionalization Of Support Materials For Heterogeneous Catalytic Reactions: Recent Approaches In The Cycloaddition Of CO<sub>2</sub> and Hydroxylation Of Benzene</b> Lingeswarran Muniandy Universiti Sains Malaysia, Malaysia
<b>1300 – 1400</b>	Lunch / Posters
Thematic Session: <b>Analytical and Environmental Chemistry &amp; Engineering (AEC)</b>	
<b>Session IVb</b>	<b>Chairperson: Prof Dr Hayato Tsuji</b> <b>Kanagawa University, Japan</b>
<b>1400 – 1420</b>	AEC 07 (Oral Presentation) <b>Determination of Organic and Inorganic Chloride in Hydrocarbon with Boling Point of 720 °C</b> Anita Jefrydin Petronas, Malaysia
<b>1420 – 1440</b>	AEC 08 (Invited Lecture) <b>Arsenic exposure biomonitoring in the Mekong River Basin of Cambodia</b> Kongkea Phan Cambodian Chemical Society, Cambodia
<b>1440 – 1500</b>	AEC 09 (Invited Lecture) <b>Plasmonic components towards photonic-nose</b> Yoshiaki Nishijima Yokohama National University, Japan
<b>1500 – 1520</b>	AEC 15 (Oral Presentation) <b>Nitro-terminated Ethynylated-thiourea as an Active Layer for Room Temperature Operated CO<sub>2</sub> Sensing</b> Adibah Izzati Daud Universiti Malaysia Terengganu, Malaysia
<b>1520 – 1540</b>	AEC 11 (Oral Presentation) <b>A Preliminary Studies of Polished Rice by Isotope Ratio Mass Spectrometry (IRMS)</b> Azharuddin Abd Aziz Jabatan Kimia Malaysia, Malaysia
<b>1540 – 1600</b>	AEC 12 (Oral Presentation) <b>Preparation and Characterization of Biocomposites Comprising of Natural Rubber Grafted onto Kenaf Bast Fiber</b> Mas Rosemal Hakim Mas Haris Universiti Sains Malaysia, Malaysia
<b>1600 – 1630</b>	Refreshments
<b>1630</b>	End

Tuesday, 30 October 2018	
Thematic Session: ICPAC General Session (IGS)	
Venue: Diamond	
<b>0900 – 1000</b>	Opening Ceremony
<b>1000 – 1030</b>	Refreshments
<b>1030 – 1245</b>	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
<b>1300 – 1400</b>	Lunch
<b>Session Va</b>	<b>Chairperson: Dr Maisara Abdul Kadir</b> <b>Universiti Malaysia Terengganu, Malaysia</b>
<b>1400 – 1420</b>	IGS 01 (Invited Lecture) <b>Efficient Fluorescence Photoswitching In Photochromic Nanoparticles</b> Tsuyoshi Fukaminato Kumamoto University, Japan
<b>1420 – 1440</b>	IGS 02 (Invited Lecture) <b>Growth Property Of The Cesium Accumulating Alga Vacuoliviride Crystalliferum</b> Koji Iwamoto Malaysia-Japan International Institute of Technology, Malaysia
<b>1440 – 1500</b>	IGS 03 (Invited Lecture) <b>Self-cleaning and Decomposition of VOCs using Photocatalysts</b> Ken-ichi Katsumata Tokyo University of Science, Japan
<b>1500 – 1520</b>	IGS 04 (Invited Lecture) <b>High-Pressure Synthesis And Thermoelectric Properties Of Mg<sub>2</sub>Si</b> Yoshihisa Mori Okayama University of Science, Japan
<b>1520 – 1540</b>	IGS 05 (Invited Lecture) <b>Multi-Scale Structure Control Of Hollow/Skeletal Silica Nanoparticles</b> Chika Takai Nagoya Institute of Technology, Japan
<b>1600 – 1630</b>	Refreshments
Thematic Session: Inorganic and Coordination Chemistry (ICC)	
<b>Session VIa</b>	<b>Chairperson: Mr Soh Song Chaw</b> <b>Allied Chemists Laboratory Sdn Bhd, Malaysia</b>
<b>1630 – 1650</b>	ICC 01 (Invited Lecture) <b>Creation of Novel Catalysts using Interface between Metal and Metal–Organic Framework</b> Masaaki Sadakiyo Kyushu University, Japan
<b>1650 – 1710</b>	ICC 02 (Invited Lecture) <b>Development of Supramolecular Complexes by Combinatorial Assembly of Functionalized Zinc(II) Complexes, Building Blocks &amp; Metals</b> Shin Aoki Tokyo University of Science, Japan
<b>1710 – 1730</b>	ICC 03 (Invited Lecture) <b>How Can We Isolate A Labile Oxido- Or Hydroxido-Unit From Aqueous Solution?</b> Keisuke Kawamoto Kanazawa University, Japan

<b>1730 - 1750</b>	ICC 04 (Invited Lecture) <b>Investigating the potential use of P-Nitroanilide Derivatives as Chromogenic Substrates for Endotoxin : Synthesis, Characterization and Biological studies</b> Maisara Abdul Kadir Universiti Malaysia Terengganu, Malaysia
<b>1750 - 1810</b>	ICC 05 (Oral Presentation) <b>Predicting Binding Mode and Interaction of Mononuclear Phosphanegold (I) Dithiocarbamates Towards Human Topoisomerase I</b> Nazzatush Shimar Jamaludin University of Malaya, Malaysia
<b>1810 - 1830</b>	ICC 06 (Oral Presentation) <b>Synthesis, Characterisation and Crystal Structures of Rhenium(I) Complexes with Cinnamoyl-pyridylpyrazole Ligands</b> Chong Yan Yi Universiti Kebangsaan Malaysia, Malaysia
<b>1830</b>	End

**Wednesday, 31 October 2018**

Thematic Session:

**Inorganic and Coordination Chemistry (ICC)**

Venue: Diamond

<b>Session VIb</b>	<b>Chairperson: Mr Chang Hon Fong</b> <b>Malaysian Institute of Chemistry, Malaysia</b>	
<b>0900 – 0920</b>	ICC 07 (Invited Lecture) <b>Observation Of Anion Order In The Pb-Ti-O-F Oxyfluoride System</b> Kengo Oka Chuo University, Japan	
<b>0920 – 0940</b>	ICC 08 (Oral Presentation) <b>Supramolecular Scaffold of Rhenium(I) Tricarbonyl Complexes Induced by Ligand Planarity via the Influence of Substituents</b> Mark Lee Wun Fui Universiti Kebangsaan Malaysia, Malaysia	
<b>0940 – 1000</b>	ICC 09 (Invited Lecture) <b>Water-Assisted Sonogashira Cross-Coupling Reaction of Ethynylated Schiff-base as Semiconductive Liquid Crystalline Candidates</b> Wan Mohd Khairul Wan Mohamed Zin Universiti Malaysia Terengganu, Malaysia	
<b>1000 – 1030</b>	Refreshments	
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6	<i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i>
<b>1300 – 1400</b>	Lunch/Posters	
Thematic Session:		
<b>Analytical and Environmental Chemistry &amp; Engineering (AEC)</b>		
<b>Session IVa</b>	<b>Chairperson: Prof Dr Toru Komatsu</b> <b>The University of Tokyo, Japan</b>	
<b>1400 – 1420</b>	AEC 01 (Invited Lecture) <b>Microbial Diversity in Decaying Oil Palm Empty Fruit Bunch and Characterization of Lignin Degrading Bacteria from Tropical Environment</b> Hirofumi Hara Malaysia-Japan International Institute of Technology, Malaysia	
<b>1420 – 1440</b>	AEC 02 (Oral Presentation) <b>Jabatan Kimia Malaysia Proficiency Testing Provider (JKM PTP): Current Practices</b>	

	<b>and Future Challenges</b> Li Hui Ling Department of Chemistry Malaysia, Malaysia
<b>1440 – 1500</b>	AEC 03 (Invited Lecture) <b>Chiral Amplification of Mixed Micelle for Chiral Separation by Capillary Electrophoresis</b> Nozomu Suzuki Rikkyo University, Japan
<b>1500 – 1520</b>	AEC 04 (Oral Presentation) <b>From Battery Waste to Electrochemical Sensor for Multiplex Detection of DNA Bases: A Biomedical Prospect for Studying DNA Damage</b> Khor Sook Mei University of Malaya, Malaysia
<b>1520– 1540</b>	AEC 05 (Invited Lecture) <b>Free energy contribution analysis of environmental effects on reaction free energy profiles</b> Toshio Asada Osaka Prefecture University, Japan
<b>1540 – 1600</b>	AEC 10 (Invited Lecture) <b>Chemical Sensors using Graphene Device with Nanoparticles and Supramolecules</b> Takashi Ikuta Tokyo University of Agriculture and Technology, Japan
<b>1600 – 1630</b>	Refreshments
<b>Thematic Session: ICPAC General Session (IGS)</b>	
<b>Session Vb</b>	<b>Chairperson: Madam Li Hui Ling</b> <b>Department of Chemistry, Malaysia</b>
<b>1630 – 1700</b>	IGS 07 (Keynote Lecture) <b>Development Of Enzymomics Approach To Search For Disease-Related Alternation Of Enzymatic Functions</b> Toru Komatsu The University of Tokyo, Japan
<b>1700 – 1720</b>	IGS 08 (Invited Lecture) <b>Catalyst-Free Mirror Symmetry Breaking, Restoration, Inversion, And Memory In Polymers, Molecules, And Lanthanide Complexes</b> Michiya Fujiki Nara Institute of Science and Technology, Japan
<b>1720 – 1740</b>	IGS 09 (Invited Lecture) <b>Three-Dimensional Ball Mill for New Mechanochemical Synthesis Method</b> Tomoaki Endo National Institute of Technology, Sendai College, Japan
<b>1740 – 1800</b>	IGS 06 (Invited Lecture) <b>Spontaneous Patterning Of Electronic Circuits By Solution-Based Printing</b> Takeo Minari National Institute for Materials Science, Japan
<b>1800</b>	End

Friday, 02 November 2018	
Thematic Session: Inorganic and Coordination Chemistry (ICC)	
Venue: Diamond	
<b>Session VIc</b>	<b>Chairperson: Assoc Prof Dr Melati Binti Khairuddean Universiti Sains Malaysia, Malaysia</b>
<b>0900 – 0920</b>	ICC 10 (Award Lecture) <b>Metal Complexes with a Bis(silyl)xanthene Supporting Ligand: Catalysis for Hydroboration of Nitriles and C–H Deuteration of Trialkylphosphine</b> Takashi Komuro Tohoku University, Japan
<b>0920 – 0940</b>	ICC 30 (Oral Presentation) <b>Biosynthesized Gold Nanoparticles – Peanut Shell Composite As Catalyst For The Catalytic Reduction Of Methyl Blue</b> Fazleen Binti Kamaludin Universiti Teknologi Malaysia, Malaysia
<b>0940 – 1000</b>	ICC 12 (Invited Lecture) <b>Development and Characterization of Magnesium Porphyrin/Clay Mineral Hybrid Film as Optical Relative Humidity Indicator</b> Takuya Fujimura Shimane University, Japan
<b>1000 – 1030</b>	Refreshments
<b>Session VIId</b>	<b>Chairperson: Assoc Prof Dr Melati Binti Khairuddean Universiti Sains Malaysia, Malaysia</b>
<b>1030 – 1100</b>	ICC 13 (Keynote Lecture) <b>Metal Complexes With Multidentate NHC Ligands: Catalysis And Curiosities</b> Doris Kunz Tübingen University, Germany
<b>1100 – 1120</b>	ICC 14 (Invited Lecture) <b>The Coordination Chemistry of Carbon–Bridged Bis(indolyl) Ligands toward Titanium and Zirconium Centers</b> Shun Ohta Hirosaki University, Japan
<b>1120 – 1140</b>	ICC 15 (Invited Lecture) <b>Successive Si-Si Bond Activation of Cyclic Hexasilane Si<sub>6</sub>Me<sub>12</sub> by Pd / Isocyanide Systems Leading to Syntheses of 1,4-Disila-2,5-cyclohexadienes</b> Atsushi Tahara Kyushu University, Japan
<b>1140 – 1200</b>	ICC 28 (Invited Lecture) <b>Utilization Of Trihydroxamate-Type Artificial Siderophores As Iron Supplying Agents For Iron Starved Plant</b> Kenji Matsumoto Kochi University, Japan
<b>1200 – 1220</b>	ICC 17 (Invited Lecture) <b>Electrochemical Behavior of Ni-mixed Prussian-blue Spin-coated Films</b> Manabu Ishizaki Yamagata University, Japan
<b>1220 – 1240</b>	ICC 18 (Invited Lecture) <b>Role of Axial Thiolate on the Catalytic Cycle of Cytochrome P450</b> Tsunehiko Higuchi Nagoya City University, Japan

<b>1240 – 1300</b>	ICC 19 (Invited Lecture) <b>Two-Dimensional Light Metal Coordination Polymers Showing Selective Vapor Adsorption Properties</b> Rika Ochi Kochi University, Japan
<b>1300 – 1400</b>	Lunch / Posters
<b>Session VIe</b>	<b>Chairperson: Prof Dr Doris Kunz</b> <b>University of Tübingen, Germany</b>
<b>1400 – 1420</b>	ICC 20 (Invited Lecture) <b>Systematic Modification of Spin Crossover Properties by Higher Crystal Engineering in Hofmann-Like Motif</b> Takashi Kosone National Institute of Technology, Anan College, Japan
<b>1420 – 1440</b>	ICC 21 (Invited Lecture) <b>Control of Emission Color by pH and Proton Flow in Highly Proton-Conductive Film with Dinuclear Eu(III) and Tb(III) Complexes</b> Hajime Kamebuchi Tokyo University of Science, Japan
<b>1440 – 1500</b>	ICC 22 (Invited Lecture) <b>Centimetre-Scale Oriented Film Of Metal Organic Framework Via Heteroepitaxial Growth On Metal Hydroxides</b> Kenji Okada Osaka Prefecture University, Japan
<b>1500 – 1520</b>	ICC 24 (Invited Lecture) <b>Fabrication method of superconducting Junctions on MgB<sub>2</sub> and SmFeAs(O,F)</b> Masahito Sakoda Tokyo University of Agriculture and Technology, Japan
<b>1520 - 1540</b>	ICC 29 (Oral Presentation) <b>Synthesis, Structural and Computational Studies of N,N'-bis-(4-hydroxy-<math>\alpha</math>-methylsalicylidene)ethylenediamine</b> Falynee Faha Binti Abdul Wahab Universiti Teknologi Malaysia, Malaysia
<b>1600 – 1630</b>	Refreshments
<b>1630</b>	End

Tuesday, 30 October 2018	
Thematic Session: Organic and Biomolecular Chemistry (OBC)	
Venue: Room Crystal	
<b>0900 – 1000</b>	Opening Ceremony
<b>1000 – 1030</b>	Refreshments
<b>1030 – 1245</b>	Plenary Lectures 1, 2, & 3 <span style="float: right;"><i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i></span>
<b>1300 – 1400</b>	Lunch
<b>Session Iq</b>	<b>Chairperson: Prof Dr Yoichiro Kuninobu Kyushu University, Japan</b>
<b>1400 – 1420</b>	OBC 26 (Award Lecture) <b>Enantioselective Synthesis of Benzene-Fused Sulfur-Containing Medium Ring Compounds by Catalytic Cycloaddition</b> Takanori Shibata Waseda University, Japan
<b>1420 – 1440</b>	OBC 34 (Invited Lecture) <b>Electron Paramagnetic Resonance Spectroscopy Investigates Di-Manganese(II) Active Site of Inorganic Pyrophosphatase from Shewanella sp. AS-11</b> Masaki Horitani Saga University, Japan
<b>1440 – 1500</b>	OBC 37 (Invited Lecture) <b>Enantioselective Total Synthesis of (–)-Misramine</b> Keisuke Yoshida Meijo University, Japan
<b>1500 – 1520</b>	OBC 67 (Invited Lecture) <b>Biomedical Functions of Cyanobacterial Super-polysaccharides from <i>Aphanothece sacrum</i></b> Maiko Okajima Japan Advanced Institute of Science and Technology, Japan
<b>1520 – 1540</b>	OBC 78 (Invited Lecture) <b>Development of a novel inducer of protein–protein interactions based on Aplyronine A</b> Takayuki Ohyoshi University of Tsukuba, Japan
<b>1540 – 1600</b>	ICC 31/OBC (Invited Lecture) <b>Pd-Catalyzed Synthesis of Optically Active Axially Chiral Allenic Polymers</b> Masamichi Ogasawara Tokushima University, Japan
<b>1600 – 1630</b>	Refreshments
Thematic Session: Inorganic and Coordination Chemistry (ICC)	
<b>Session Vif</b>	<b>Chairperson: Assoc. Prof Dr Mas Rosemal Hakim Mas Haris Universiti Sains Malaysia, Malaysia</b>
<b>1630 – 1650</b>	ICC 11 (Invited Lecture) <b>Methanol-Triggered Vapochromism Coupled with Solid-State Spin Switching in a Nickel(II)-Quinonoid Complex</b> Masaki Yoshida Hokkaido University, Japan
<b>1650 – 1710</b>	ICC 16 (Invited Lecture) <b>Magnetic Phase Switching in Double-Layer-Type Porous Magnets through CO<sub>2</sub> Adsorption</b> Masaaki Ohba Kyushu University, Japan

<b>1710 – 1730</b>	ICC 23 (Invited Lecture) <b>Microstructure Control of Ceramics Using Nanocomposite Particles Prepared by Mechanical Processing</b> Mitsuaki Matsuoka Kansai University, Japan
<b>1730 - 1750</b>	ICC 26 (Invited Lecture) <b>Si-Complexes with transition metal like behavior</b> Tsuyoshi Kato Laboratoire Hétérochimie Fondamentale et Appliquée (LHFA), France
<b>1750 - 1810</b>	ICC 27 (Invited Lecture) <b>Room Temperature Activation of Methane over ZnII–Oxyl in MFI Zeolite</b> Akira Oda Okayama University, Japan
<b>1810 - 1825</b>	ICC 29 (Oral Presentation) <b>Synthesis, Structural and Computational Studies of N,N'-bis-(4-hydroxy-<math>\alpha</math>-methyalsalicylidene)ethylenediamine</b> Falynee Faha Binti Abdul Wahab Universiti Teknologi Malaysia, Malaysia
<b>1825 - 1845</b>	ICC 30 (Oral Presentation) <b>Biosynthesized Gold Nanoparticles – Peanut Shell Composite As Catalyst For The Catalytic Reduction Of Methyl Blue</b> Fazleen Binti Kamaludin Universiti Teknologi Malaysia, Malaysia
<b>1845</b>	End

**Wednesday, 31 October 2018**

Thematic Session:

**Organic and Biomolecular Chemistry (OBC)**

Venue: Crystal

<b>Session Ir</b>	<b>Chairperson: Dr Lee Kian Mun</b> <b>University of Malaya, Malaysia</b>	
<b>0900 – 0920</b>	OBC 36 (Invited Lecture) <b>Syntheses of ellagitannins bearing rare hexahydroxydiphenoyl bridge</b> Kazutada Ikeuchi Hokkaido University, Japan	
<b>0920 – 0940</b>	OBC 76 (Invited Lecture) <b>Site-Selective Acylation of alpha-Hydroxyamides in Polyols</b> Yasuhiro Nishikawa Meijo University, Japan	
<b>0940 – 1000</b>	OBC 81 (Invited Lecture) <b>Large Scale Isolation of Xanthorrhizol by Chemical Derivatization from Curcuma Xanthorrhiza Extract</b> Eiji Nishimura Sanyo Chemical Laboratories Malaysia, Malaysia	
<b>1000 –1030</b>	Refreshments	
<b>1030 – 1245</b>	Plenary Lectures 4, 5, & 6	<i>Venue: Main Ballroom 2<sup>nd</sup> Floor</i>
<b>1300 – 1400</b>	Lunch/Posters	
	Thematic Session:	
	<b>Analytical and Environmental Chemistry &amp; Engineering (AEC)</b>	
<b>Session IVc</b>	<b>Chairperson: Dato Dr Yew Chong Hooi</b> <b>Malaysian Institute of Chemistry, Malaysia</b>	
<b>1400 – 1420</b>	AEC 13 (Oral Presentation) <b>Optimization of L-Quebrachitol Extraction from Natural Rubber Wastewater using</b>	



**Box Behnken Design**

Kathiresan V.Sathasivam  
AIMST University, Malaysia

**1420 – 1440**

AEC 14 (Invited Lecture)

**Computational Studies on the Shape-Controlled Growth of Spinel  $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$**

Hiromasa Shiiba  
Shinshu University, Japan

<b>1440 – 1500</b>	AEC 06 (Oral Presentation) <b>Magnetic Activated Charcoal Modified With Nonionic Silicone Surfactant As An Adsorbent For The Extraction Of Triazine Herbicides In Water Samples</b> Nur Nadhirah Mohamad Zain Universiti Sains Malaysia, Malaysia
<b>1500 – 1520</b>	AEC 16 (Oral Presentation) <b>Development and Validation of Fast, Sensitive and High Throughput Analytical Technique for Direct Injection of Multiresidue Pesticide in Water Samples Using LCMSMS</b> Mohammad Shahid Bin Shahrin Malaysian Agricultural Research & Development Institute, Malaysia
<b>1520– 1540</b>	AEC 17 (Oral Presentation) <b>Detection of Variations in Marker Pen Inks Using Attenuated Total Reflectance-Fourier Transform Infrared Spectrometer (ATR-FTIR)</b> Chan Kar Weng Jabatan Kimia Malaysia, Malaysia
<b>1540 – 1600</b>	AEC 18 (Oral Presentation) <b>Determination of Aflatoxin M<sub>1</sub> in Fresh Cow Milk in Penang, Malaysia</b> Nor Shifa Bin Shuib Jabatan Kimia Malaysia, Malaysia
<b>1600 – 1630</b>	Refreshments
Thematic Session: <b>Physical Chemistry and Catalysis (PCC)</b>	
<b>Session Iii</b>	<b>Chairperson: Dr Boey Peng Lim</b> <b>Malaysian Institute of Chemistry, Malaysia</b>
<b>1630 – 1650</b>	PCC 32 (Invited Lecture) <b>Model study of nitrogen-doped carbon catalysts for oxygen reduction reaction</b> Junji Nakamura University of Tsukuba, Japan
<b>1650 – 1710</b>	PCC 35 (Invited Lecture) <b>Effects of electrolytes on the mediated bioelectrocatalysis for bioelectrochemical applications</b> Seiya Tsujimura University of Tsukuba, Japan
<b>1710 – 1730</b>	PCC 42 (Invited Lecture) <b>Statistical And Quantum-Chemical Analysis Of The Effect Of Heme Porphyrin Distortion In Heme Proteins: Differences Between Oxidoreductases And Oxygen Carrier Proteins</b> Yu Takano Hiroshima City University, Japan
<b>1730 – 1750</b>	PCC 44 (Oral Presentation) <b>Analysis Of Water Quality In Sungai Batu Feringghi, Penang Island : A Case Study</b> Shukriah Binti Mohd Saad Jabatan Kimia Malaysia, Malaysia
<b>1750</b>	End

<b>Thematic Session: Organic and Biomolecular Chemistry (OBC)</b>
OBC 83P <b>Proteomics Performance Analysis of Gel-Aided Sample Preparation (GASP) In Comparison to In-Solution Digestion Methods using <i>Saccharomyces cerevisiae</i> Lysate</b> Muhammad Mukram bin Mohamed Mackeen Universiti Kebangsaan Malaysia, Malaysia
<b>Thematic Session: Inorganic and Coordination Chemistry (ICC)</b>
ICC 25P <b>Chromic behavior of porphyrin dyes incorporated in <math>\alpha</math>-zirconium phosphate transparent thin film</b> Yuuhei Aoyama Shimane University, Japan
ICC 32P <b>Synthesis of Zn-based Metal Organic Frameworks in Pyridinium Ionic Liquid</b> Haslina Ahmad Universiti Putra Malaysia, Malaysia
<b>Thematic Session: Polymer and Materials Chemistry (PMC)</b>
PMC 36P <b>DFT insights into the thiophene direct desulfurization reaction pathway on the different edges of <math>\text{MoS}_2</math> catalysts</b> Aijun Duan China University of Petroleum, China
PMC 37P <b>Preparation of Poly(<math>\omega</math>-Hydroxy Pelargonic Acid) for Biopolyester</b> Siti Faieza Abd Hadi Universiti Kebangsaan Malaysia, Malaysia
<b>Thematic Session: Analytical and Environmental Chemistry &amp; Engineering (AEC)</b>
AEC 19P <b>Immobilized Iron TAML Oxidation Catalysts for Drinking Water Purification</b> Nabilah Ismail University Malaysia Terengganu, Malaysia
AEC 20P <b>Stability of Customized Photocatalytic Reactor for Degradation of Reactive Black 5 Dye by Zinc Oxide Photocatalyst</b> Lee Kian Mun University of Malaya, Malaysia
AEC 21P <b>Optimization Process for Synthesis and Characterization of Crude Palm Kernel Oil Based Trimethylolpropane Triester as Biolubricant Base Stocks Using Response Surface Methodology</b> Murad Awadh Salem Bahadi Universiti Kebangsaan Malaysia, Malaysia
<b>Thematic Session: ICPAC General Session (IGS)</b>
IGS 10P <b>Multicolor Fluorescence Photoswitching In The Multicomponent Photochromic Nanosystems</b> Sanae Ishida Kumamoto University, Japan