

7TH INTERNATIONAL CONFERENCE FOR YOUNG CHEMISTS CONFERENCE PROGRAMME

TUESDAY, 13TH AUGUST 2019

Early Registration	
09:00-11:00	Venue 1: Foyer, School of Chemical Sciences, USM
17:00-20:00	Venue 2: In front of Ballroom 1, Georgetown, Bayview Hotel

WEDNESDAY, 14TH AUGUST 2019

08:00-09:00	Registration	
09:00-09:30	Opening Ceremony, <u>WELCOMING SPEECH BY:</u> Chairman of 7 th ICYC 2019 -Mr. Benjamin Tan Tze Wei Director of Institut Penyelidikan Hidraulik Kebangsaan Malaysia (NAHRIM) -YBhg. Dato' Ir. Dr. Hj. Md. Nasir Md. Noh <u>OFFICIATING SPEECH BY:</u> Dean of School of Chemical Sciences -Prof. Dr. Rohana Adnan Venue: Sri Mas Ballroom	
	09:30-10:30	PL-1 <i>"Control Of Properties Of Nanosized Zeolites"</i> Prof. Dr. Svetlana Mintova Venue: Sri Mas Ballroom Chairperson: Prof. Dr. Rohana Adnan

10:30-12:00

COFFEE BREAK | POSTER SESSION 1 | EXHIBITION

10:45-12:05	ANALYTICAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Mardiana Saaid	
10:45-11:05	ANA-013	<i>"Recent Advances Of Molecularly Imprinted Polymers Based Strategies For Extraction Of Mycotoxins From Food Matrices"</i> T. P. Lee, B. Saad and T. Kobayashi
11:05-11:25	ANA-009	<i>"Magnetic Poly(Cyclodextrin-Ionic Liquid) Based Ferrofluid For Dispersive Liquid Phase Microextraction Of Polycyclic Aromatic Hydrocarbons"</i> Y. H. Boon, M. Raov, S. Mohamad, H. Osman and N. N. Mohamad Zain

11:25-11:45	ANA-004	<p><i>“Comparison Study Between Hydrochloric Acid And Sulfuric Acid By Potentiometric Titration For Determination Of Alkalinity In Natural Rubber Latex Concentrate”</i></p> <p>M. A. Mohd Tajudin and M. N. S. Nor Elias</p>
11:45-12:05	ANA-005	<p><i>“Dispersive Micro-Solid Phase Extraction (D-μ-SPE) Using C18 As Sorbent Coupled With High Performance Liquid Chromatography For The Determination Of Ofloxacin And Sparfloxacin In Human Plasma”</i></p> <p>S. J. Owaid, M. Miskam and N. Yahaya</p>

10:45-12:05	PHYSICAL & INORGANIC CHEMISTRY	
	Venue: Sri Perak III Chairperson: Dr. Oh Wen Da	
10:45-11:05	PHY-014	<p><i>“Synthesis And Characterization Of CMC/BiFeO₃/PoPd Nanocomposite Film For Photodegradation Of Anionic Dye”</i></p> <p>N. A. A. Zaahari, N. H. Mohd Kaus, M. H. Mohamad Kassim, and M. Z. Othman</p>
11:05-11:25	PHY-003	<p><i>“Adsorption Isotherm And Kinetics For Carbon Dioxide Capture Using Bismuth (III) Oxide Impregnated On Activated Carbon”</i></p> <p>A. H. Lahuri, M. H. Mansor and R. Adnan</p>
11:25-11:45	PHY-005	<p><i>“Microwave Synthesis Of Nanosized Zeolite K-W As Solid Base Catalyst For Nitroaldol Henry Reaction Of Vanillin With Nitroethane”</i></p> <p>Y. W. Cheong, K. L. Wong, C. L. Tau and E. P. Ng</p>
11:45-12:05	PHY-010	<p><i>“Synthesis And Characterization Of ZnO Quantum Dots Modified Mesoporous TiO₂ For Photooxidation Of Tetracycline”</i></p> <p>U. Saidu, A. Iqbal, F. Adam and S. Sreekantan</p>

10:45-12:15	INDUSTRIAL CHEMISTRY	
	Venue: Sri Perak I Chairperson: Dr. Mohd Hazwan Hussin	
10:45-11:15	KN-1	<p><i>“Potential Valorization Of Trace Element-Contaminated Biomass For Biofuels Production”</i></p> <p>Assoc. Prof. Dr. Isabelle Ziegler-Devin</p>
11:15-11:35	IND-008	<p><i>“Adsorption Of 4-Chlorophenol In Aqueous Solution By Sodium Alginate/Nanocellulose Beads”</i></p> <p>T. S. Hamidon, R. Adnan, M. K. Mohamad Haafiz and M. H. Hussin</p>
11:35-11:55	IND-004	<p><i>“Metalation Of Carbazole As A Reversible Hydrogen Storage Material”</i></p> <p>K. C. Tan, Y. Yu, T. He, H. Wu, A. Wu, P. Chen and Y. S. Chua.</p>
11:55-12:15	IND-005	<p><i>“Preparation And Characterization Of Starch Grafted Polymethacrylamide Using Ammonium Persulphate Initiator”</i></p> <p>A. Umar, M. M. Sanagi, A. Alisu, W. A. Wan Ibrahim, K. J. Abd Karim and A. S. Abdul Keyon</p>

ORGANIC CHEMISTRY Venue: Sri Delima Chairperson: Assoc. Prof. Dr. Oo Chuan Wei		
10:45-11:15	KN-3	<i>"Mitochondrial Targeting Cancer Phototherapy By Near-Infrared Light And Pi Extended Porphyrin/Drug Delivery Carrier Conjugate"</i> Assoc. Prof. Dr. Yuta Takano
11:15-11:35	ORG-013	<i>"Effect Of NCO/OH Ratios On Physico-Mechanical Properties Of Polyurethane-Polyurea Hybrid Spray"</i> E. S. Negim, K. Omurbekova, L. Bekbayeva, B. Saad
11:35-11:55	ORG-005	<i>"Design, Synthesis And Cytotoxic Evaluation Of O-Carboxamido Stilbene Analogues"</i> N. Mohamad, M. N. Mohamad Taib, N.N S. Nik Mohamed Kamal
11:55-12:15	ORG-010	<i>"Photoluminescent Ester Oligomers Containing Curcumin Dye Units: A Selective Fluorescent "Turn Off" Chemosensor For Ferric Ions"</i> H. C. Ong and C. W. Oo
12:15-12:35	ORG-014	<i>"Utilization Of Graft Copolymer Based On Polyvinyl Alcohol As Admixture For Mortar"</i> L. Bekbayeva, E. S. Negim, Y. Gulzhakhan and E. Ganjian

12:00-14:00 **LUNCH | VENUE: KOPI TIAM**

ANALYTICAL & ENVIRONMENTAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Wong Yong Foo		
14:00-14:20	ANA-001	<i>"Carbon Nanotubes/Gold Nanoparticles Based Electrochemical Sensor For Trace Determination Of Amoxicillin In Bovine Milk"</i> A. Muhammad, N. A. Yusof, J. Abdullah, U. A. Birnin Yauri, and R Hajian
14:20-14:40	ENV-001	<i>"Dispersion Of Nanocellulose Crystals Into Natural Rubber Bionanocomposites"</i> I. Saleh
14:40-15:00	ANA-023	<i>"Platinum Group Elements Analysis In Bukit Bunuh Meteorite Impact Structure, Lenggong, Perak"</i> A. Mutalib and S. Mokhtar
15:00-15:20	ANA-027	<i>"Optimization Of Protic Ionic Liquid Mediated Curcumin Extraction From Curcuma Longa"</i> Z. S. Othman, N. A. Ali, S. M. S. Zahari, M. Y. Maskat and N. H. Hassan

14:00-15:20 PHYSICAL CHEMISTRY Venue: Sri Perak I Chairperson: Dr. P. Bothi Raja		
14:00-14:20	PHY-006	<i>“Organotemplate-Free Cs-ABW Nanozeolite As Highly Reactive And Recyclable Catalyst For Nitroaldol Reaction Between Benzaldehyde And Nitroethane”</i> T. M. A. Ghrear , Y. W. Cheong, C. L. Tau, S. H. Tan and E. P. Ng
14:20-14:40	PHY-009	<i>“A Green Solvothermal Approach For The Synthesis And Characterizations Of Nickel Nanoparticles”</i> N. Jaji , M. H. Hussin, H. L. Lee and M. B. H. Othman.
14:40-15:00	PHY-008	<i>“Green Hydrocarbon Production Over NiO Nanoparticles Supported On Hierarchical Zeolite Y”</i> M. Choo , E. O. Lee, C. L. Tau, E. P. Ng and J. C. Juan
15:00-15:20	PHY-007	<i>“Synthesis, Characterizations And Application Of Metallic Bi Self-Doped Biobr Composites For Photocatalytic Degradation Of Ciprofloxacin Using Indoor Fluorescent Light Illumination”</i> S. S. Imam , R. Adnan and N. H. Mohd Kaus

14:00-15:30 INDUSTRIAL CHEMISTRY Venue: Sri Perak III Chairperson: Assoc. Prof. Dr. Isabelle Ziegler-Devin		
14:00-14:30	KN-6	<i>“Mesoporous Catalyst Enhanced Biofuel Production via Deoxygenation”</i> Assoc. Prof. Dr. Juan Joon Ching
14:30-14:50	IND-006	<i>“Ultrasmlal Cs-Almcm-4l Basic Catalysts: Effects Of Aluminum Addition On Their Physico-Chemical And Catalytic Properties”</i> H. Abdullahi , K. L. Wong, F. Adam, H. L. Lee and E. P. Ng
14:50-15:10	IND-016	<i>“Preparation Of Halloysite Nanotubes (HNT)-Supported Lanthanum And Their Applications For The Catalytic Degradation Of Chitosan (CS)”</i> B. T. Tze-Wei , N. H. H Abu Bakar and M. Abu Bakar
15:10-15:30	IND-022	<i>“Production Of Oil Palm (Elaeis Guineensis) Fronds Lignin-Derived Non-Toxic Aldehyde For Eco-Friendly Wood Adhesive”</i> M. H. Hussin , N. A. Samad, N. H. A. Latif, N. A. Rozuli, S. B. Yusoff, F. Gambier and N. Brosse

14:00-15:20 ORGANIC CHEMISTRY & BIOCHEMISTRY Venue: Sri Delima Chairperson: Dr. Wan Nazwanie Wan Abdullah		
14:00-14:20	ORG-009	<i>“Complexation Of Copper (II) Ion Wih Red Capsicum Frutescens Extract In Ethanol”</i> A. T. Amilasan and J. C. Cubar
14:20-14:40	BIO-010	<i>“A Biochemical Study On The Gastroprotective Effect Of Muntingia Calabura Leaves In Rats Induced With Gastric Ulce”</i> B. Tavamani , M. S. Mohd Hijaz, Z. A. Zakaria and P. Vikneswari.

14:40-15:00	ORG-012	“Catalytic Biomass Conversion Into Methyl Levulinate” S. J. Sharifah Nabihah , A. J. Noorhasmiera, M. Marhaini, F. L. Pua, C. H. Chia and Z. Sarani
15:00-15:20	BIO-001	“Phytochemical Analysis And Cytotoxic Evaluation Of Citrus Hystrix Leaf Extracts On Colon Cancer Cells (HT29)” I. I. Sani , P. Sivaraj and M. A. Abubakar

15:30-16:00 **COFFEE BREAK | POSTER SESSION 2 | EXHIBITION**

16:00-17:00	ANALYTICAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Nurul Yani Rahim	
16:00-16:20	ANA-006	“Cation Selective Electrokinetic Injection And Micellar Electrokinetic Chromatography For Analysis Of Sulfonamide Antibiotics In Marine Environmental Products” N. F. Semail , A.S. Abdul Keyon, B. Saad, S. Kamaruzaman, N. N. Mohamad Zain and N. Yahaya
16:20-16:40	ANA-026	“Development Of An Electrochemical Sensor For The Detection Of Maltose In Starch Hydrolysis” A. K. M. Shafiqul Islam , C. S. Tan and M. N. Ahmad
16:40-17:00	ANA-007	“Development Of Water Quality Index Of Ex-Mining Ponds In Malaysia” I. B. Koki , S. Md Zain, K. H. Low, H. Juahir, A. Azid and M. Abdul Zali

16:00-17:00	PHYSICAL CHEMISTRY Venue: Sri Perak I Chairperson: Dr. Lee Hooi Ling	
16:00-16:20	PHY-011	“Synthesis Of LTL-Type Zeolites With Different Morphologies Using Bamboo Leaf Ash And Their Use As Catalysts For Producing Biofuel (2-Acetyl-5-Methylfuran)” N. H. Ahmad , S. Mintova and E. P. Ng
16:20-16:40	PHY-012	“Dissociative Electron Transfer Via $N \rightarrow \Pi$ + Interaction In Isolated Tyrosine-Containing Molecular Peptide Radical Cations” W. K. Tang , X.Y. Mu, I.K. Chu and C.K. Siu
16:40-17:00	PHY-019	“Interface Growth Of Monolayer MoS_2 ” H. E. Lim , T. Irisawa, N. Okada, T. Endo, Y. Nakanishi, Y. Maniwa and Y. Miyata

16:00-17:20 INDUSTRIAL CHEMISTRY Venue: Sri Perak III Chairperson: Dr. Muhammad Bisyrul Hafi Othman		
16:00-16:20	IND-009	<i>“Preparation And Characterization Of Modified Coconut Husk Lignin-Phenol-Glyoxal (Lpg) As Green Wood Adhesives”</i> N. H. Abd Latif , M. H. Hussin, R. Hashim and N. Brosse.
16:20-16:40	IND-010	<i>“Enhancement Of Poly (Vinyl) Alcohol Using Delaminated Layered Double Hydroxide For The Formulation Of Mechanically Strong Nanocomposite Hydrogel For Wound Dressing Application”</i> N. J. Mohd Sebri , A. F. Abdul Latip, R. Adnan, M. H. Hussin and T. Kobayashi
16:40-17:00	IND-011	<i>“Characterizations Of Cellulose Nanocrystal Derived From Oil Palm Frond And Its Application As A Green Reinforcing Agent For Corrosion Protection Of The Epoxy Zn-Rich Coating On Mild Steel”</i> N. F. S. Mohd Azani and M. H. Hussin
17:00-17:20	IND-002	<i>“Waste Egg Shell Derived Cao Supported By W-Mo Mixed Oxide Bifunctional Catalyst For The Production Of Biodiesel From High Ffa Waste Cooking Oil: Stoichiometric Effect”</i> N. Mansir and T.Y. Y. Hin

16:00-17:00 BIOCHEMISTRY & ORGANIC CHEMISTRY Venue: Sri Delima Chairperson: Dr. Nur Farhana Jaafar		
16:00-16:20	BIO-009	<i>“Metabolomics Approach: Antidiabetic Activity Of Momordica Charantia Fruit Using Streptozotocin Induced Obese-Diabetic Rat Model”</i> V. Perumal , A. Khatib, Q. U. Ahmed, B. F. Uzir, S. Murugesu and T. Balan.
16:20-16:40	BIO-008	<i>Identification Of Pro-Apoptotic Gene (Bax) Expression Induced By Root Extract Of Paku Tunjuk Langit [Helminthostachys Zeylanica (L.) Hook.] On Mcf-7 Breast Cancer Cell</i> A. Fitria , P. Jumaryatno and I. R. Nurdin.
16:40-17:00	ORG-011	<i>“Synthesis Of A Polymof Based On A Polymer Ligand Possessing A 1,4-Benzenedicarboxylic Acid”</i> K. Yazaki

THURSDAY, 15th AUGUST 2019

09:00-10:00	KN-4	Teleconference <i>“At The Intersection Of Sport, Science And Sustainability”</i> Dr. Anastasia Behr Venue: Sri Mas Ballroom Chairperson: Dr. Lee Hooi Ling
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10:00-10:45 COFFEE BREAK & EXHIBITION

10:45-11:45	PL-2	<i>“Finding Value In Food Waste – Biomass Resource Utilisation Opportunities”</i> Prof. Dr. Antonio (Tony) Patti Venue: Sri Mas Ballroom Chairperson: Prof. Dr. Yeap Guan Yeow
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11:45-12:45	ANALYTICAL & ENVIRONMENTAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Mazidatulakmam Miskam	
11:45-12:05	ENV-007	<i>“Adsorption Characterization Of Cu(II) Ions Onto Chitosan Beads And Chitosan-Alginate Beads: Equilibrium And Thermodynamic Studies”</i> S. Fatinathan and W. S. Wan Ngah
12:05-12:25	ANA-028	<i>“Dynamic Multidimensional Gas Chromatography Approaches For On-Column Molecular Interconversion Studies”</i> Y. F. Wong and P. J. Marriott
12:25-12:45	ANA-008	<i>“A Kinetic Study Of The Reduction Of Methylene Blue By Tetramethylthiourea In Aqueous Acidic Medium”</i> O. A. Aliu

11:45-12:45	BIOCHEMISTRY & ORGANIC CHEMISTRY Venue: Sri Delima Chairperson: Assoc. Prof. Dr. Melati Khairuddean	
11:45-12:05	ORG-001	<i>“Effect Of Maleic Anhydride Modification Of Poly(Lactic Acid) On The Tensile Properties And Dimensional Stability Of Kenaf Fiber Biocomposite”</i> A. U. Birnin-Yauri , A. Muhammad and N. A. Ibrahim
12:05-12:25	ORG-003	<i>“Cleavage Of β-Ether-Linkages During Organosolv And Steam Explosion Pretreatments”</i> N. Brosse , I. Ziegler-Devin and S. N. Obame,
12:25-12:45	ORG-006	<i>“Approches Toward The Synthesis Of Kingianins”</i> M. N. A. M. Taib , Y. Six, M. Litaudon and K. Awang

BIOCHEMISTRY & INORGANIC CHEMISTRY		
Venue: Sri Perak I Chairperson: Dr. Nur Farhana Jaafar		
11:45-12:45	BIO-003	<i>"Phytochemical And In Vitro Antimicrobial Studies Of Root Bark Extracts From Strychnos Innocua (Delile)"</i> J. A. Uttu
12:05-12:25	BIO-004	<i>"Development Of Conductive Nanowires By Template Directed Process Onto Deoxyribonucleic Acid Molecules"</i> S. M. J. Zubairu, S. O. Idris, C. E. Gimba, A. Uzairu, I. A. Bello, S. E. Abechi, A. A. Osunlaja and B. R. Horrocks
12:25-12:45	INO-003	<i>"Synthesis And Characterization Of 7-Hydroxycoumarin Containing New Type Of Phthalocyanine Compounds And Investigation Of Thermal And Electrochemical Properties"</i> A. Dauda

INORGANIC CHEMISTRY		
Venue: Sri Perak III Chairperson: Dr. Wan Nazwanie Wan Abdullah		
11:45-12:05	INO-011	<i>"Metakaolin-Based Geopolymer Made Of Ammonia Activator Using Microwave Cure"</i> Y. Watanabe and T. Kobayashi
12:05-12:25	INO-002	<i>"Synthesis And Characterization Of Mox Thin Film On A-Al₂O₃ (0001) Single Crystal"</i> I. G. Wawata and M. Bowker
12:25-12:45	INO-010	<i>"Iron Oxide Based Catalyst Doped With Transition Metal For Oxidative Desulfurization Of Model Diesel Fuel"</i> N. A. S. Mohd Nazmi and W. N. Wan Abdullah

12:30-14:00 **LUNCH | VENUE: KOPI TIAM**

ANALYTICAL CHEMISTRY		
Venue: Sri Mas Ballroom Chairperson: Dr. Hairul Hisham Hamzah		
14:00-14:20	ANA-022	<i>"Electrochemical Degradation Of Reactive Red 4 Using Graphite/Chitosan-Pvc Composite Electrodes"</i> N. H. Mohd Halim, R. Adnan, N. Nordin
14:20-14:40	ANA-003	<i>"Assessment Of Some Heavy Metals In Soil Samples Of Metal-Pots Producers Dumping Sites ('Yan-Tukwane, Gashua Town Of Bade Lga, Yobe State, Nigeria)"</i> A. A. Baffa
14:40-15:00	ANA-010	<i>"Nephrotoxic Metals In Diet As Indicators Of CKD In Gashua, Northeastern Nigeria"</i> M. Waziri
15:00-15:20	ANA-012	<i>"Reversed Phase Monolithic Column For The Development Of Miniaturized HPLC System"</i> H. T. Khoo, S. C. Tan and C. H. Leow

PHYSICAL CHEMISTRY Venue: Sri Perak I Chairperson: Prof. Dr. Svetlana Mintova		
14:00-14:30	KN-5	<i>"Sensitivity Enhancement Of Electrochemical Biosensors By Using Nanomaterials For Detection Of Some Chemicals And Biomarkers"</i> Assoc. Prof. Dr. Jaroon Jakmunee
14:30-14:50	PHY-015	<i>"Effects Of Functional Groups Of Imidazolium Templates On Crystallization And Morphological Profiles Of SAPO-5"</i> I. A. Auwal, S. Mintova and E.P. Ng
14:50-15:10	PHY-013	<i>"The Effect Of (Fe, Co And Ni) Dopants On The Structural And Gas Sensing Properties Of Tin Oxide"</i> V. Inderan, K. Sudesh and H. L. Lee.

INDUSTRIAL CHEMISTRY Venue: Sri Perak III Chairperson: Dr. Norazzizi Nordin		
14:00-14:20	IND-014	<i>"Influence Of Catalyst Support On The Hydrogenation Of 9-Ethylcarbazole"</i> N. I. Nordin, A. Iqbal and Y.S. Chua.
14:20-14:40	IND-013	<i>"Co- And Ni-Catalyzed Dehydrogenation Of Hydrazine Borane For Hydrogen Storage"</i> J. S. Chang and Y. S. Chua
14:40-15:00	IND-012	<i>"Physical And Chemical Modification On Natural Rubber/Poly-3-Hydroxybutyrate Blends By Grafting Method"</i> A. Zainal Abidin, N. H. H. Abu Bakar and M. Abu Bakar
15:00-15:20	IND-015	<i>"Bioplastics Cellulose Films In The Preparation And Properties For Sustainable Development Materials"</i> A. Ibaraki and T. Kobayashi

ORGANIC CHEMISTRY Venue: Sri Delima Chairperson: Assoc. Prof. Dr. Oo Chuan Wei		
14:00-14:30	KN-7	<i>"Design, Synthesis And Biological Evaluation Of Some Pyrrolidine-Type Compounds"</i> Prof. Dr. Ahmad Sazali Hamzah
14:30-14:50	ORG-008	<i>"Screening For Phytochemical, Antibacterial And Free-Radical Scavenging Activities Of Extracts From The Stem Bark Of Nauclea Pobequinii"</i> A. A. John, O. S. Olusegun, C. W. Oo and G. K. Lim
14:50-15:10	BIO-006	<i>"Characterization And Nutritional Quality Of Bambaranut (Vigna Subterranea (L) Verd C.) Protein Grown In Madobi Lga, Kano State-Nigeria"</i> T. M. Abdulmumin, A. J. Alhassan, S. M. Abubakar , Y. Abdulmumin, I. A. Muhammad, M. Dalhatu, S. A. Bichi, L. A. Amina and Y. Y. Muhammad

15:10-15:30	BIO-007	<p><i>“Biochemical And In-Vitro Antioxidant Activity Of Ethyl Acetate Fractions Of Boswellia Papyrifera (DEL) Stem Bark On CCl₄ Induced Liver Damage In Rats”</i></p> <p>Y. Abdulmumin, A. M. Wudil, A. J. Alhassan, A. A. Imam, T. M. Abdulmumin and I. U. Muhammad</p>
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15:30-16:00	COFFEE BREAK & EXHIBITION	
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16:00-17:00	<p>ANALYTICAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Lee Tien Ping</p>	
16:00-16:20	ANA-024	<p><i>“Cationic Perylene Probe And Silver Nanoparticle-Based Aptamer Sensor For Low Cost Detection Of Aflatoxin B1 In Food And Feed Samples”</i></p> <p>J. Lerdsri and J. Jakmune</p>
16:20-16:40	ANA-015	<p><i>“Agarose Immobilized Hollow Porous Molecularly Imprinted Polymer For Separation And Preconcentration Of Tetracycline Antibiotics In Food Products Of Animal Origin”</i></p> <p>M. S. Salwani, N. N. M. Zain, M. R. Ramachandran, S. Kamaruzaman and N. Yahaya</p>
16:40-17:00	ANA-016	<p><i>“Graphene And Zeolite As Sorbents In Bar-μ-Solid Phase Extraction For The Determination Of Selected Pharmaceutical Compounds”</i></p> <p>M. N. Jajuli, M. Hebrant, G. Herzog, A. Abdul Rahim, E. P. Ng, B. Saad and M. H. Hussin,</p>

16:00-17:00	<p>PHYSICAL CHEMISTRY Venue: Sri Perak I Chairperson: Dr. Oh Wen Da</p>	
16:00-16:20	PHY-016	<p><i>“Incorporation Of Chlorothalonil Into Polylactic Acid-CO-Polyethylene Glycol Nanoparticles For Rubberwood Preservation Treatment”</i></p> <p>T. J. Teng, E. P. Ng, M. N. Mat Arip and H. L. Lee</p>
16:20-16:40	PHY-017	<p><i>“Synthesis And Characterization Of Gold Nanoparticle Using Modified Turkevich Method</i></p> <p>M. A. Y. Mohd Yusri, M. H. Abu Hassan and S. Azhari</p>
16:40-17:00	PHY-018	<p><i>“Camphor Tree (Dryobalanops Aromatica) Bark Extracts As Green Inhibitors Of Mild Steel Corrosion”</i></p> <p>S. A. Yakubu, M. H. Hussin, A. A. Rahim and M. N. Azmi</p>

16:00-17:00 INDUSTRIAL CHEMISTRY Venue: Sri Perak III Chairperson: Dr. Shangeetha Ganesan		
16:00-16:20	IND-007	<i>“Application On Carbon Dioxide (CO₂) Adsorption Of Ferrite Based Sorbents”</i> N. I. Sulaiman , M. Abu Bakar and N. H. H. Abu Bakar
16:20-16:40	IND-018	<i>“Degradation Of Methylene Blue Using Biosynthesized Zinc Oxide Photocatalyst: Effect Of Synthesis Parameters”</i> F. H. Abdullah , N. H. H. Abu Bakar and M. Abu Bakar
16:40-17:00	IND-020	<i>“Enhancing Anticorrosion Properties And Water Repellency Of A Tannin Doped Hybrid Sol-Gel Coating On Mild Steel In 0.5 M HCl Medium”</i> A. Abdulmajid , A. A. Rahim and M. H. Hussin

16:00-17:10 INORGANIC CHEMISTRY Venue: Sri Delima Chairperson: Prof. Dr. Yeap Guan Yeow		
16:00-16:30	KN-2	<i>“Creation Of Metallosupramolecular Compounds From Gold(I) Metalloligands With Amino Acids”</i> Prof. Dr. Takumi Konno
16:30-16:50	INO-009	<i>“Fluorescent Mesogenic Tris(borondifluoride) Complexes Derived from Hexaketonates”</i> Y. S. Wang and C. K. Lai.
16:50-17:10	INO-013	<i>“Dinuclear Silver(I) Complexes Bearing Bis- And Tetra-N-Heterocyclic Carbene Ligand: Synthesis, Crystal Analyses And Antibacterial Activities”</i> U. F. Mohamad Haziz , R. A. Haque, A. A. Amirul and M. R. Razali

19:30-22:00	GALA DINNER
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FRIDAY, 16th AUGUST 2019

09:00-09:45	IV-1	<p><i>“Emerging Contaminants In The Environment: Challenges And Research Direction”</i></p> <p>Mrs. Syazrin Syima Sharifuddin Venue: Sri Mas Ballroom Chairperson: Dr. Wong Yong Foo</p>
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09:45-10:00	COFFEE BREAK
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10:00-11:50	<p>ANALYTICAL CHEMISTRY Venue: Sri Mas Ballroom Chairperson: Dr. Nurul Yani Rahim</p>	
10:00-10:30	KN-8	<p><i>“Some Advances In The Determination Of Mycotoxins In Food And Animal Feeds”</i></p> <p>Prof. Dr. Bahrudin Saad</p>
10:30-10:50	ANA-017	<p><i>“Magnetic Molecularly Imprinted Polymer As Adsorbent For Effective Removal Of Phenolic Compounds From Environmental Water Samples”</i></p> <p>S. Mamman, F.B. Mohd Suah, N. N. Mohamad Zain and M. Raoov</p>
10:50-11:10	ANA-018	<p><i>“Development Of Ultrasonic-Assisted Liquid-Liquid Microextraction Using Magnetic Hydrophobic Deep Eutectic Solvent (Mdes) For Determination Of Herbicides Residue In Water Samples”</i></p> <p>N. H. Sazali, N. Y. Rahim and F. B. Mohd Suah</p>
11:10-11:30	ANA-019	<p><i>“Application Of S-Quinolin-2-Yl-Methylthiocarbamate Functionalized Magnetic Nanoparticles As Magnetic Solid Phase Extraction Adsorbent For The Determination Of Cadmium And Copper In Water Sample”</i></p> <p>A. J. Abdul Rahman, M. Miskam, H. N. F. Fiona, H. Nasir and S. Mohammad.</p>
11:30-11:50	ANA-020	<p><i>“Magnetic Solid Phase Extraction Based On Magnetite Graphene Oxide Nanoparticles For Determination Of Antibiotics In Environmental Water Samples”</i></p> <p>R. Mohammad, A. A. Elbashir, M. Miskam, B. Saad and N. Yahaya</p>

10:00-11:50	<p>ANALYTICAL CHEMISTRY & ENVIRONMENTAL CHEMISTRY Venue: Sri Perak I Chairperson: Dr. Mardiana Saaid</p>	
10:00-10:30	IV-2	<p><i>“Conversion Of PBAPP Water Treatment Plant Residue Into Clay Bricks”</i></p> <p>Mr. Mak Kok Yun</p>
10:30-10:50	ENV-006	<p><i>“Converting Sawdust Into High Performance Redox Catalyst For Acid Orange 7 Removal”</i></p> <p>J. R. J. Zaeni, and W. D. Oh</p>

10:50-11:10	ENV-005	<p><i>“Insights Into The Performance Of Nitrogen-Doped Porous Carbon Derived From Biowastes As Redox Catalyst For Bisphenol A Removal”</i></p> <p>W. D. Oh</p>
11:10-11:30	ANA-021	<p><i>“Emulsification Liquid-liquid Microextraction Based On Deep Eutectic Solvent: An Extraction Method For The Determination Of Dicamba And Mcpa In Environmental Water Samples”</i></p> <p>N. A. Mohamad Yusoff, N. Y. Abdul Rahim, N. Yahaya and M. Miskam</p>
11:30-11:50	ANA-002	<p><i>“Chemical Analyses Of Borreria Stachydea [(DC.) Hutch. & Amp; Dalziel], Cassia Absus Linn And Aspillia Kotschy (Sch.Bipex, Hochst)Oliv Plants”</i></p> <p>A. U. Adamu, E. D. Paul, C.E .Gimba and I.G. Ndukwe</p>

10:00-11:00	INDUSTRIAL & ENVIRONMENTAL CHEMISTRY	
	Venue: Sri Delima	
	Chairperson: Dr. Shangeetha Ganesan	
10:00-10:20	IND-019	<p><i>“A New Route For The Preparation Of Liquid Epoxidized Natural Rubber (LENR)”</i></p> <p>N. N. Abdul Talib, N. N. Abdul Ghani, N. H. H. Abu Bakar, M. Abu Bakar, A. Iqbal and N. H. Yusof</p>
10:20-10:40	ENV-009	<p><i>“Arsenic Removal By Activated Carbon From Durian Husk”</i></p> <p>N. S. Abdullah, M. F. A. Tajuddin, S. S. Sharifuddin and M. H. Hussin</p>
10:40-11:00	ENV-008	<p><i>“Surface Water Quality: Occurrence And Determination Of Organochlorine Pesticides (OCP) In Sungai Langat”</i></p> <p>J. Karim, M. A. M. Idrus, M. Abdullah, N. S. Abdullah, S. S. Sharifuddin, M. F. Muhazeli, M. A. M. Yusof, R. T. Gunggang, H. Jamaluddin, M. F. Tajuddin, and N. H. F. Hashim</p>

10:00-11:40	INORGANIC CHEMISTRY	
	Venue: Sri Perak III	
	Chairperson: Assoc. Prof. Dr. Ng Eng Poh	
10:00-10:20	INO-007	<p><i>“Rod-like Mesogenic Boron Difluoride Complexes Derived From Schiff Bases”</i></p> <p>Y. H. Cai and K. L. Chung</p>
10:20-10:40	INO-005	<p><i>“Synthesis Of Copper-Based Metal Organic Framework Incorporated With Graphene For Non-Enzymatic Detection Of H₂O₂”</i></p> <p>A. M. Golsheikh and G. Y. Yeap</p>
10:40-11:00	INO-006	<p><i>“Synthesis And Characterization Of Zno/Lto For The Removal Of Methylene Blue Under Visible Light Irradiation”</i></p> <p>N. H. Ibrahim Syed Ali, A. Iqbal and F. Adam</p>

11:00-11:20	INO-004	<i>“Effect of Light Irradiation Type on Photocatalytic Degradation of 2-Chlorophenol Using Mesoporous Titania Nanoparticles”</i> N. A. Marfur and N. F. Jaafar
11:20-11:40	INO-008	<i>“Rod-Like Mesogenic Bis(Borondifluoride) Complexes Derived From β-Enaminoketones”</i> Y. C. Liu , P. C. Hsiao and C. K. Lai
12:00-12:30	CLOSING CEREMONY	
12:30-14:00	LUNCH VENUE: KOPI TIAM	

POSTER PRESENTATION SLOT

14th August 2019

10:30 am-12.00 pm

Session 1

CODE	TITLE & AUTHOR
P-022	<i>"Turbidity Removal Of Polyacrylamide-Grafted Egg White"</i> N. F. Azuan , K. P. Sambasevam, N. A. Jamion and S. K. Yong
P-002	<i>"Extraction Of Anthocyanin From Hibiscus Sabdariffa For The Development Of A Corn Starch- Glycerol Based pH Indicator"</i> K. P. Sambasevam , M. N. I. Musa, H. N. Mohd Rashid and T. Marimuthu
P-003	<i>"A Selective 'Turn-Off' Fluorescent Chemosensor For Colorimetric Sensing Of Fe³⁺ Ion In An Aqueous Medium"</i> S. A. Nizar , T. Kobayashi and F. B. Mohd Suah
P-004	<i>"Observation Of Carbon Nanotubes Locally Implanted In Mice: Implications For Tissue Regeneration"</i> E. Hirata , M. Yudasaka, Y. Maeda, T. Tanaka, H. Kataura and A. Yokoyama
P-005	<i>"Effect Of Ni₂O₃ Addition On YBa₂Cu₃O_{7-Δ}(Ni₂O₃)_X Superconductor"</i> A. N. Jannah and I. Mariana
P-006	<i>"Synthesis And Characterization Of Nitrogen-Doped Sr₄Nb₂O₉ Photocatalyst By Mechanochemical Method"</i> K. Hirokawa , T. Matsuyama and J. Ida
P-007	<i>"Preparation Of Amine Modified Bimodal Mesoporous Silica Particles For CO₂ Separation"</i> Y. Lee , T. Matsuyama and J. Ida,
P-008	<i>"Effect Of Power Frquency On Various Volatile Organic Compounds (VOCs) Decomposition Using Non-Thermal Plasma Reactor Combined With Ceramic Filter"</i> Tsubasa Eto , T. Matsuyama, H. Yamamoto, and J. Ida
P-009	<i>"Effect Of Property Of Ceramic Filter On Nonthermal Plasma Reactor For Trichloroethylene Decomposition"</i> J. Lim , T. Matsuyama, H. Yamamoto, and J. Ida
P-010	<i>"N Doped Graphene Quantum Dots/Titanium Dioxide Nanocomposites As Photothermal Agents In Photodynamic Therapy (Pdt)"</i> P. Ramachandran , C. Y. Lee, R. A. Doong and H. L. Lee
P-012	<i>"Development Of Novel Upconversion Nanoparticles Functionalized With Amphiphilic Polymers For Detection Of Alprenolol"</i> S. H. Lee , S. M. Tawfik and Y.I. Lee
P-013	<i>"New Turn-On Fluorescent Sensor For Highly Sensitive Detection Of Spermine Based On Amphiphilic Polythiophene Nanohybrids"</i> J. Shim , S. M. Tawfik and Y. I. Lee

POSTER PRESENTATION SLOT

14th August 2019

15:30 pm-17:00 pm

Session 2

CODE	TITLE & AUTHOR
P-001	<i>"Synthesis And Characterization Of New Stilbenoid Derivatives As Potential Vasodilator"</i> S. Y. Chan , C. W. Oo., M. F. Yam and Y. C. Loh
P-017	<i>"Rapid And Sensitive Fluorescent Probe For The Determination Of Environmental Pollutant Using Molecularly Imprinted Polymer Nanohybrids"</i> M. R. Elmasry , S. M. Tawfik and Y. I. Lee
P-018	<i>"Murayya Koenigii As Green Corrosion Inhibitors For Mild Steel In CO₂ Saturated 3.5% NaCl Medium"</i> N. A. Sallehudin , S. B. Amir, M. Nurul Azmi, M. H. Hussin, A. Abdul Rahim, H. Osman, K. Awang and P. Bothi Raja
P-020	<i>"Study On Total Suspended Solid In Langat River Basin"</i> H. Jamaluddin , M. A. M. Idrus, M. Abdullah, N. S. Abdullah, S. S. Sharifuddin, M. F. Muhazeli, M. A. M. Yusof, R. T. Gunggang, M. F. Tajuddin, N. H. F. Hashim and J. Karim
P-021	<i>"Repeatability And Reproducibility In Bisphenol-A And Bisphenol-S Identification Via Triple Quadrupole Liquid Chromatography-Mass Spectrometry"</i> M. A. M. Idrus , M. Abdullah, N. S. Abdullah, M. F. Muhazeli, M. A. M. Yusof, S. S. Sharifuddin, R. T. Gunggang, H. Jamaluddin, M. F. Tajuddin, N. H. F. Hashim and J. Karim.
P-014	<i>"A Colormetric Sensor For Detection Of Hexavalent Chromium Based On Graphene Oxide"</i> J. Han , N. N. Nghia, B. T. Huy and Y.I. Lee
P-023	<i>"Receptor Design And Synthesis Based On Electron Deficient 3,5-Dinitrobenzamide Group Pendant With Leucine And Tryptophan Residue For Concentration Dependent Fluoride Anions Recognition"</i> B. Deka and R.J. Sarma
P-024	<i>"Genetic Variation Of MGMT, XRCC1 And XPD Genes And Lifestyle Habits Act As Potential Risks For Oesophageal Carcinoma In The North East Indian Population"</i> S. Medhi , S. Saikia, C. Keppen, A. U. Rehman, P. Barooah, M. Deka, V. Khamo and S. A. Husain
P-025	<i>"Synthesis, Characterization And Determination Of Mesophase Transition And Fire Retardant Properties Of Hexasubstituted Cyclotriphosphazene Molecules With Schiff Base And Amide Linking Units"</i> Z. Jamain , M. Khairuddean and T. Guan-Seng

P-026	<i>Effects Of N-Fertilizers On The Growth And Yield Of Tomato (Lycopersicon Esculentum M.)</i> L. Bekbayeva, Z. Zakaria, M. Surif, E. S. Negim and M. I. Saleh
P-027	<i>“Removal Of Methylene Blue Dye From Aqueous Solution Using Dried Pandanus Helicopus Leaves”</i> S. Y. Ang, I. A. Harun, N. Saragi, M. N. F. Abdul Wahab, A. R. Ismail, H. L. Lee and M. H. Hussin
P-028	<i>“Mealworm (Tenebrio Molitor) Oil Characterization And Esterification Using A Heterogeneous Acid Catalyst”</i> S. Ganesan, H. S. Siow, E. S. E. Md Azmi and K. Sudesh
P-019	<i>“Metal-Free Synthesis And Hepatoprotective Effects Of Carbazole-3-Carboxylic Acids Against H₂O₂-Induced Hepatotoxicity In Human Liver Cells”</i> M. A. Ahmad Saifuddin, H. Nur Aziah, M. Ramu, M. Sharif Mahsufi and M. Mohd Nizam