



4th INTERNATIONAL CONFERENCE FOR YOUNG CHEMISTS 2013
SCHOOL OF CHEMICAL SCIENCES, UNIVERSITI SAINS MALAYSIA, 11800 USM, PENANG MALAYSIA.

Attention to all participants of 4th International Conference for Young Chemists (ICYC) 2013

You can now check for your oral and poster presentation slots. For participant whose name is in the list below, kindly refer to the Secretariat on the conference day (30th January 2013) to obtain the slot and time for your presentations.

We look forward to seeing you in the next few weeks.

Thank you.

Warmest regards,
Secretariat of 4th ICYC 2013



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SCHEDULE

DATE	TIME	PROGRAMME												
		VENUE	MAS	PERAK			NILAM		INTAN	MAS				
1	2			3	1	2								
30-Jan (Wed)	0730-0845	Registration												
	0900-1015	Opening Ceremony @ Sri Mass Ballroom												
	1015-1035	Refreshments												
	1035-1120	Plenary Session I												
	1130-1145	KN-01	KN-02	KN-03	KN-04	ANA-012	OTH-01	KN-07	Poster					
	1145-1200					ANA-013	OTH-02							
	1200-1215	ANA-01	INO-01	ORG-01	NAT-01	ANA-014	OTH-03	ENV-01						
	1215-1230	ANA-02	INO-02	ORG-02	NAT-02	ANA-015	OTH-04	ENV-02						
	1230-1300	Q & A Session												
	1300-1400	Lunch												
	1400-1415	ANA-03	INO-03	ORG-03	NAT-03	KN-05	KN-06	ENV-03		Poster				
	1415-1430	ANA-04	INO-04	ORG-04	NAT-04		ENV-04							
	1430-1445	ANA-05	INO-05	ORG-05	NAT-05	ANA-016	IND-01	ENV-05						
	1445-1500	ANA-06	INO-06	ORG-06	NAT-06	ANA-017	IND-02	ENV-06						
	1500-1515	ANA-07	INO-07	ORG-07	NAT-07	ANA-018	IND-03	ENV-07						
	1515-1545	Q & A Session												
	1545-1600	Refreshments												
	1600-1615	ANA-08	INO-08	ORG-08	NAT-08	ANA-019	OTH-05	ENV-08	Poster Evaluation					
	1615-1630	ANA-09	INO-09	ORG-09	NAT-09	ANA-020	OTH-06	ENV-09						
	1630-1645	ANA-10	INO-10	ORG-10	NAT-10	ANA-021	OTH-07	ENV-10						
1645-1700	ANA-11	INO-11	ORG-11	NAT-11	ANA-022	OTH-08	ENV-11							
1700-1720	Q & A Session													
1730	Departure back to USM													
31-Jan (Thurs)	0900-0945	Plenary Session II												
	0945-1000	Refreshments												
	1000-1015	KN-08	KN-09	KN-010	KN-011	KN-012	KN-013	KN-014	Poster					
	1015-1030													
	1030-1045	ANA-023	ENV-012	INO-012	ORG-012	PHY-01	MAT-01	POLY-01						
	1045-1100	ANA-024	ENV-013	INO-013	ORG-013	PHY-02	MAT-02	POLY-02						
	1100-1115	ANA-025	ENV-014	INO-014	ORG-014	PHY-03	MAT-03	POLY-03						
	1115-1130	ANA-026	ENV-015	INO-015	ORG-015	PHY-04	MAT-04	POLY-04						
	1130-1145	ANA-027	ENV-016	INO-016	ORG-016	PHY-05	MAT-05	POLY-05						
	1145-1200	ANA-028	ENV-017	INO-017	ORG-017	PHY-06	MAT-06	POLY-06						
	1200-1215	ANA-029	ENV-018	INO-018		PHY-07	MAT-07	POLY-07						
	1215-1300	Q & A Session												
	1300-1400	Lunch												
	1400-1415		KN-015	KN-016	KN-017	KN-018	KN-019	KN-020	Poster					
	1415-1430		ENV-019	INO-019	OTH-09	PHY-08	NAT-012	POLY-08	Poster Evaluation					
	1430-1445		ENV-020	INO-020	OTH-010	PHY-09	NAT-013	POLY-09						
	1445-1500		ENV-021	INO-021	INO-024			POLY-010						
	1500-1515		ENV-022	INO-022	INO-025			POLY-011						
	1515-1530		ENV-023	INO-023	INO-026			POLY-012						
	1530-1545		Tea Break											
1600-1615	Photography Session													
1700-1800	Assemble at USM for Gala Dinner													
1845	Gala Dinner at Bayview Georgetown Hotel, Penang													
2000-2200	Gala Dinner at Bayview Georgetown Hotel, Penang													
1-Feb (Fri)	0900-0915	KN-021	KN-023	KN-024										
	0915-0930													
	0930-0945									INO-027	POLY-013			
	0945-1000	Refreshments												
	1000-1015	KN-022	INO-028	POLY-014										
	1015-1030		INO-029	POLY-015										
	1030-1045	Talk 1	INO-030	POLY-016										
	1045-1100		INO-031	POLY-017										
	1100-1115	Talk 2	INO-032	POLY-018										
	1115-1130		INO-033											
	1130-1145		INO-034											
	1145-1200													
	1200-1240	Q & A Session												
	1240-1430	Lunch												
	1430-1530	Closing Ceremony & Award Presentation												
1545	Departure back to USM													

CONFERENCE SCHEDULE

DAY 1: 30th JANUARY 2013 / WEDNESDAY

TIME	PROGRAM
0730-0845	Registration
0900-1015	Opening Ceremony
1015-1035	Refreshments
1035-1120	Plenary Session 1
1130-1300	Oral & Poster Presentations
1300-1400	Lunch
1400-1545	Oral & Poster Presentations
1545-1600	Refreshments
1600-1720	Oral & Poster Presentations
1720-1800	Photography Session

DAY 2: 31st JANUARY 2013 / THURSDAY

TIME	PROGRAM
0900-0945	Plenary Session 2
0945-1000	Refreshments
1000-1300	Oral & Poster Presentations
1300-1400	Lunch
1400-1545	Oral & Poster Presentations
1600-1615	Refreshments
2000-2300	Dinner

DAY 3: 1st FEBRUARY 2013 / FRIDAY

TIME	PROGRAM
0900-0945	Oral Presentations
0945-1000	Refreshments
1000-1240	Oral Presentations
1240-1430	Lunch
1430-1530	Award Presentations Closing Ceremony

DAY 4: 2nd FEBRUARY 2013 / SATURDAY

TIME	PROGRAM
0830-1800	Post-Conference Tour

ICYC 2013 GALA DINNER PROGRAMME

TIME	PROGRAM
1930-1955	Arrival of Guests & VIP
1955-2000	Doa Recital
2000-2010	Opening & welcoming address by Conference Chairman
2010-2020	Address by Dean of School of Chemical Sciences, USM
2020-2030	Address by Vice Chancellor of USM
2030-2230	Dinner commences Performances

SCHEDULE

DAY 1: 30th JANUARY 2013/ WEDNESDAY

PLENARY SESSION 1

Session Chairman: Professor Wan Ahmad Kamil Che Mahmood		Venue: MAS
TIME	CODE	TITLE
1035-1120	PLN-01	In Search of New Alternatives in the Fight Against Cancer: From Anticancer Agents to Nanostructured Silica-Based Materials Professor Santiago Gomez

ORAL PRESENTATIONS

Session Chairman: Associate Professor Dr. Afidah Abdul Rahim		Venue: MAS
TIME	CODE	TITLE
1130-1200	KN-01	The Novel TiO₂/Chitosan Bilayer System: Its Adsorption and Photocatalytic Properties Professor Mohd Asri Mohd Nawi
1200-1215	ANA-01	Determination of Guanidino Compounds in Serum by Micellar Electrokinetic Capillary Chromatography Using 2-Pyridoin as Derivatizing Reagent Abdul Jabbar Kandhro
1215-1230	ANA-02	Hollow Fiber Liquid-Phase Microextraction for the Determination of Trace Amounts of Mitiglinide (Anti-Diabetic Drug) in Biological Fluids Ahmad Makahleh

Session Chairman: Dr. Oo Chuan Wei		Venue: PERAK 1
TIME	CODE	TITLE
1130-1200	KN-02	Green Chemistry: The Synthesis of Cyclic Carbonates from Carbon Dioxide and Epoxides under Solvent-Free Conditions Professor Farook Adam
1200-1215	INO-01	Mixed-Valence Copper(II) Alkanoates as Thermally Stable Low Bandgap Photovoltaic and Magnetic Metallomesogenic Materials Abdul Rahman Nordin
1215-1230	INO-02	Synthesis and Characterisation of Nickel(II) Complex of a Conjugated Schiff Base as Artificial Photosynthetic Material Anita Marlina

Session Chairman: Professor Lim Poh Eng		Venue: PERAK 2
TIME	CODE	TITLE
1130-1200	KN-03	Polyphenolics from Agricultural By-Products; Perspectives and Challenges in Malaysia and in France Professor Nicolas Broose
1200-1215	ORG-01	Copper(I) Catalyzed Synthesis and Biological Evaluation of Tetrakis-1,2,3-Triazoles Based on D-Iditol Adnan Ibrahim Mohammed
1215-1230	ORG-02	Synthesis, Characterization and Mesophase(s) Determination of Cyclotriphosphazene Based Molecules with One Schiff Base Linking Unit Alice Wong Yee Yen

Session Chairman: Professor Bahruddin bin Saad		Venue: PERAK 3
TIME	CODE	TITLE
1130-1200	KN-04	Identification of the World's Most Active Bioplastic Synthase Enzyme and Its Application for the Efficient Production of Bioplastics from Palm Oil Professor K. Sudesh Kumar
1200-1215	NAT-01	Chemical Constituents from the Rhizomes of <i>Smilax myosotiflora</i> Aboubaker Abdulnabi Elhadi
1215-1230	NAT-02	Antiulcerogenic Activity of Some Flavonoids Isolated from <i>Euphorbia cuneata</i> Vahl. Amani S. Awaad

Session Chairman: Professor Atsunori Mori		Venue: NILAM 1
TIME	CODE	TITLE
1130-1145	ANA-012	Solid Phase Extractive Preconcentration of Lanthanum(III) Using Acenaphthenequinon-Hydrazone Derivative Immobilized on Sol-Gel Matrix Aisha Khzam M. Alhony
1145-1200	ANA-013	Synthesis of L-chiro-Inositol from Quebrachitol Extracted from Natural Rubber Serum and Identification of the Inositols Using a Single Quadrupole Mass Spectrometer Christine Lee Sue Chen
1200-1215	ANA-014	HPLC Analysis of Urinary Polyamines for Evaluating the Effectiveness of Tualang Honey in Cancer Therapy Elbaleeq Adam Gubartallah
1215-1230	ANA-015	Selective Flow-Injection Determination of Tryptophan Based on Intra-Molecular Fluorescence Energy Transfer Gao, You-Syuan

Session Chairman: Ms. Zetty Zulikha Hafiz		Venue: NILAM 2
TIME	CODE	TITLE
1130-1145	OTH-01	Flash Pyrolysis of Waste Lubricating Oil Khanet Theppharak
1145-1200	OTH-02	Deoxygenation of Palmitic Acid over Nickel-Grafted Mesostructured Cellular Foam (MCF) Catalyst Lilis Hermida
1200-1215	OTH-03	Laboratory Safety Website for International Virtual Collaborations Natalie A. LaFranzo
1215-1230	OTH-04	Mathematical Modeling and Simulation of Microbial Fuel Cells in a Batch System Noor Fazliani binti Shoparwe

Session Chairman: Professor Dar Fu Tai		Venue: INTAN
TIME	CODE	TITLE
1130-1200	KN-07	Effective Uses of Biomass Cellulose Waste for Functional Hydrogel Materials Professor Takaomi Kobayashi
1200-1215	ENV-01	Adsorption of Dyes from Waste Water Using Coconut Shell as Bio-Adsorbent Abhishek Shankar Shete
1215-1230	ENV-02	Comparative Degradation of Grape Pomace from Winery Wastes by Various Fungal Cultures Avinash Karpe

ORAL PRESENTATIONS

Session Chairman: Dr. Lee Hooi Ling		Venue: MAS
TIME	CODE	TITLE
1400-1415	ANA-03	Hollow Fiber Liquid Phase Microextraction with <i>in situ</i> Derivatization for the Determination of Trace Amounts of Metformin Hydrochloride (Anti-Diabetic Drug) in Biological Fluids Gazala Mohamed H. Ben Hander
1415-1430	ANA-04	Evaluation of Atenolol Enantiomers Chromatograms Produced by Chiralcel® OD Column Using Ultra Fast Liquid Chromatography Joni Agustian
1430-1445	ANA-05	Analysis of 22 Minor and Trace Elements in Milk and Yogurts from South Korea by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) Naeem Khan
1445-1500	ANA-06	Determination of Citrinin in Rice Using Hybrid Molecularly Imprinted Membranes as Sample Preparation Method Lee Tien Ping
1500-1515	ANA-07	Matrix Solid-Phase Dispersion-Capillary Electrophoresis Method for the Determination of Phenolic Acids in Honey Marwan Shalash

Session Chairman: Professor Teoh Siang Guan		Venue: PERAK 1
TIME	CODE	TITLE
1400-1415	INO-03	Synthesis, and Characterization of Organotin(IV) Complexes Derived from 2-Chloro-4-Nitrobenzoic Acid Choong Chen Shang
1415-1430	INO-04	Comparative Study of Reaction Iron Sand with NaCl and NaOH for Titania Concentrates Production Dwi Wahyu Nugroho
1430-1445	INO-05	Synthesis, Characterization and Anticancer Activity of 3-Methylbenzyl-2-(1-Phenylpentylidene)-Hydrazinecarbodithioate and Its Metal Complexes Georgiana Paulus Molimbu
1445-1500	INO-06	Dipalladium Complexes with Triazolidin-Diylidene Bridges and Their Catalytic Activities Guo Shuai
1500-1515	INO-07	Synthesis and Characterization of Nanometer Scale Zeolite L from Rice Husk Silica Wong Jia Tian

Session Chairman: Dr. Yeoh Kar Kheng		Venue: PERAK 2
TIME	CODE	TITLE
1400-1415	ORG-03	Synthesis, Characterization and Phase Behaviour of Hydrazine-Based Non-Symmetric Trimers Liquid Crystal with Resorcinol as Linking Groups Goh Yit Peng
1415-1430	ORG-04	Revisited the Mechanism of [1,3]-Hydrogen Shift in Allene Derivatives: A Theoretical Study Gourab Kanti Das
1430-1445	ORG-05	Synthesis of the Antiepileptic R-Stiripentol by Combination of Lipase Catalysed Resolution and Alkene Metathesis Mohammed Farrag Mohammed Ali El-Beahiry

1445-1500	ORG-06	An Approach for Synthesis of Axially Chiral Indolostilbenes via Ferric Chloride Oxidative Cyclization Munirah Suhaimi
1500-1515	ORG-07	Synthesis, Characterization and Thermal Study of New Mesogenic Trimer Containing Benzothiazole Moieties Arwa Abdulwahab Mansoor

Session Chairman: Mr. Darren Ng Tat Lun		Venue: PERAK 3
TIME	CODE	TITLE
1400-1415	NAT-03	Tropical Fruits: A New Frontier in the Bakery Industry Boshra Varastegani
1415-1430	NAT-04	Chemical and Bioactivity Studies on the Leaves of <i>Jatropha multifida</i> Linn. Erwin Cayabyab Mina
1430-1445	NAT-05	Antiproliferative Quassinoid from <i>Quassia borneensis</i> Noot. (Simaroubaceae) Julenah Ag Nuddin
1445-1500	NAT-06	Bioactivity Guided Isolation of Cholinesterase Inhibitors from <i>Garcinia mangostana</i> Linn. Khaw Kooi Yeong
1500-1515	NAT-07	Tetracyclic Endiandric Acid Analogues Isolated from <i>Endiandra kingiana</i> Gamble (Lauraceae) Mohamad Nurul Azmi Mohamad Taib

Session Chairman: Professor Mohd. Asri Mohd Nawi		Venue: NILAM 1
TIME	CODE	TITLE
1400-1430	KN-05	Powder X-ray Diffraction Analysis (PXRD) – A New Opportunity for Crystal Structure Determination Dr. Lim Gin Keat
1430-1445	ANA-016	Electrochemical Studies of Carbon Nanotubes Electrode Towards Chromium Ions Nurul Ain binti Ismail
1445-1500	ANA-017	Magnetic Solid Phase Extraction Based on Magnetite-Mesoporous Materials for the Determination of Anti Depressant Drugs in Biological Fluid Sazlinda Kamaruzaman
1500-1515	ANA-018	Electrochemical Modification of Glassy Carbon Electrode by <i>N,N'</i>-Bis(2-Hydroxy-4-Methoxyacetophenone) Ethylenediamine (BME) for Detection of Cadmium Syaza binti Azhari

Session Chairman: Professor Taufiq Yap Yun Hin		Venue: NILAM 2
TIME	CODE	TITLE
1400-1430	KN-06	Adaptation of Biomass Conversion Process to the Chemical Nature of the Feedstock Associate Professor Dr. Jean-Michel Lavoie
1430-1445	IND-01	Thermal Stability and Activity of an Agro-Waste Derived Heterogeneous Acid Catalyst in Esterification Reaction Francis Ezebor
1445-1500	IND-02	Inhibition Effects on the Corrosion of Mild Steel in 1 M HCl Solution by <i>Curcuma longa</i> Extract Nurul Izni binti Kairi

1500-1515	IND-03	Frontier of Nanotechnology Intervention in Water Sector: An Indian Case Study Madhulika
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Session Chairman: Mr. Damien Khoo Yiyuan		Venue: INTAN
TIME	CODE	TITLE
1400-1415	ENV-03	Comparison of Direct and Indirect Methods in Determining Bioregeneration Efficiencies of Phenol- and <i>p</i>-Nitrophenol-Loaded Granular Activated Carbon Chan Poh Ying
1415-1430	ENV-04	Characterisation of Rice Husk for Heavy Metal Removal Eng Hooi Tay
1430-1445	ENV-05	Potential of Used Palm Olein as Industrial Raw Materials: Biodiesel, Biodegradable Polymer, and Lubricants Hanisah Kamilah binti Abd Razak
1445-1500	ENV-06	Adsorption of Cu⁺ and Ni²⁺ Ions by Chemically Treated Candlenut (<i>Aleurites moluccana sp.</i>) Shell Yeoh Kim Hoey
1500-1515	ENV-07	Quantification of Bioregeneration of Powdered Activated Carbon Loaded with <i>o</i>-Cresol Kew Sook Ling

ORAL PRESENTATIONS

Session Chairman: Ms. Soh Wen Min		Venue: MAS
TIME	CODE	TITLE
1600-1615	ANA-08	Optimization of Batch Sorption Method for the Extraction of Polar Aromatic Amines Using Titanium(IV) Butoxide-Cyanopropyltriethoxysilane Sorbent Mazidatulakmam binti Miskam
1615-1630	ANA-09	Development of a Field Kit for the Rapid Detection of Selected Explosives Mohamad Afiq bin Mohamed Huri
1630-1645	ANA-010	Determination of Phthalate Esters in Six Brands Bottled Water in Saudi Arabia by Dispersive Liquid-Liquid Microextraction Coupled with Gas Chromatography Mass Spectrometry Mousa Yaser Mousa Amayreh
1645-1700	ANA-011	Vinyl Functionalized Mesoporous Carbon Dispersive Solid Phase Extraction (V-COU-2-DSPE) for the Determination of Azole Antifungal Drugs in Water Noorfatimah Yahaya

Session Chairman: Mr. Sree Amertharaj		Venue: PERAK 1
TIME	CODE	TITLE
1600-1615	INO-08	Gold <i>N</i>-Heterocyclic Carbene (NHC) Complexes and Their Cytotoxic Activities Haresh Sivaram
1615-1630	INO-09	Preparation, Characterization and Preliminary <i>in-vitro</i> Antibacterial Screening Activity of Organotin(IV) Complexes Derivatives of 3-Pyridinecarboxylic and 5-Bromo-3-Pyridinecarboxylic Acids Yip Foo Win

1630-1645	INO-010	Pincer-Type Bis(1,2,4-Triazolin-5-Ylidene) Palladium Complexes and Their Catalytic Activities Towards Cu- and Amine-Free Sonogashira Reaction Lee Chen-Shiang
1645-1700	INO-011	Investigating Al₂O₃ Coating on CaS:Eu²⁺ Phosphor Against Humidity and Temperature Mohd Fathullah bin Ghazli

Session Chairman: Ms. Goh Yit Peng		Venue: PERAK 2
TIME	CODE	TITLE
1600-1615	ORG-08	Synthesis and Phase Transition of Disulphide-Bridged 4-<i>n</i>-Alkoxybenzylidene-4'-Bromoaniline Faridah binti Osman
1615-1630	ORG-09	Synthesis and Biological Activities of Thiosemicarbazone Derivatives and Their Cu(II) Complexes Chan Yi Chen
1630-1645	ORG-010	Developing a Multicyclic Imine System Nurul Izzaty Hassan
1645-1700	ORG-011	Novel 1,3,5-Trisubstituted Benzene-Based Symmetrical Star-Shaped Liquid Crystals Containing Schiff Base Ester as the Peripheral Arm: Synthesis, Characterization and Mesomorphic Properties Ooi Yew Hong

Session Chairman: Mr. Yeap Choon Wan		Venue: PERAK 3
TIME	CODE	TITLE
1600-1615	NAT-08	Chemical and Biological Investigation of <i>Teucrium barbeyanum</i> Mohamed Ali Abdunnabi Alwahsh
1615-1630	NAT-09	Chemical Constituents and Biological Activity Studies of the Bark of <i>Garcinia hombroiana</i> Nargis Jamila
1630-1645	NAT-010	Antioxidant Activities of <i>Stenochlaena palustris</i> and Its Total Phenolic and Flavonoid Content Nelson Chear Jeng Yeou
1645-1700	NAT-011	Phytochemical Constituents from the Fruit and Stem Bark of <i>Garcinia atroviridis</i> Tan Wen Nee

Session Chairman: Ms. Sylvia See		Venue: NILAM 1
TIME	CODE	TITLE
1600-1615	ANA-019	Application of Molecularly Imprinted Cyano-Based Sol-Gel Hybrid Coated Electrode for the Analysis of Methamidophos Wan Norfazilah Wan Ismail
1615-1630	ANA-020	Determination of Fatty Acids in Margarines Using Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection Wong Yong Foo
1630-1645	ANA-021	Impedimetric Sensing of the Ethanol Contents in Gasohol with a Flow-Through Carbon Electrode Pair Yi Kung
1645-1700	ANA-022	Removal of Histidine Residue from Zn-α_2-Glycoprotein by Carboxypeptidase Enzyme Using Spectrofluorimetry and MALDI-TOF Mass Spectroscopy Zain Ullah

Session Chairman: Ms. Chew Ker Yin		Venue: NILAM 2
TIME	CODE	TITLE
1600-1615	OTH-05	Effect of CeO₂ Promoter on Catalytic Performance of Ni/MgO Catalyst for Glycerol Steam Reforming Nualprang Pimsing
1615-1630	OTH-06	Computational Study on Weak Interactions in Haloalkane Dehalogenase of <i>Mycobacterium tuberculosis</i> H37Rv Rohini Karunakaran
1630-1645	OTH-07	Upgrading Bio-Oil by Reactive Distillation Process with Acid Catalysts Saranya Panjatharakul
1645-1700	OTH-08	Chitosan-Coated Fatty Acid Liposomes in Gel for Cosmeceutical Application Tan Hsiao Wei

Session Chairman: Ms. Koay Poh Poh		Venue: INTAN
TIME	CODE	TITLE
1600-1615	ENV-08	Immobilised Biomass for Biogenesis of Spherical Activated Carbon Loaded with Phenol in Packed-Bed Column Leong Kwok Yii
1615-1630	ENV-09	Simultaneous Adsorption and Photodegradation of Methylene Blue Using Several Metals Incorporated Rice Husk Silica Lingeswarran Muniandy
1630-1645	ENV-010	Novel Cryogels Incorporating Silver Nanoparticles for Potable Water Production in Emergencies Loo Siew Leng
1645-1700	ENV-011	NMR Spectrum of 3NPA Extracted from Four Leguminous Plants Mansour Awiedat Salem

SCHEDULE

DAY 2: 31st JANUARY 2013/ THURSDAY

PLENARY SESSION 2

Session Chairman: Professor Wan Ahmad Kamil Che Mahmood		Venue: MAS
TIME	CODE	TITLE
0900-0945	PLN-02	Lanthanides-Based Photonic Materials Professor Dato' Muhammad Idris Salleh

ORAL PRESENTATIONS

Session Chairman: Professor Norita Mohamed		Venue: MAS
TIME	CODE	TITLE
1000-1030	KN-08	Electromembrane Assisted Desulfurization of Arabian Crude Samples Dr. Chanbasha Basheer
1030-1045	ANA-023	Determination of Ascorbic Acid in Bulk and in Pharmaceutical Formulations Sahar Samir Mohammed
1045-1100	ANA-024	Determination of Piperacillin Using FI-POCL System with Merging Zone Principle Edris (Idrees Bakr Qader)
1100-1115	ANA-025	Enzyme-Aided Cold Pressing of Flaxseed (<i>Linum usitatissimum</i> L.): Enhancement in Yield, Quality and Phenolics of Oil Farooq Anwar
1115-1130	ANA-026	Second Derivative Spectrophotometric Determination of Cyclophosphamide in the Pharmaceutical Formulations Hemn Abdul Qader
1130-1145	ANA-027	Off/On-Site Micro Solid Phase Extraction for Determination of Polycyclic Aromatic Hydrocarbons in Water Samples Nurul Nabilah binti Zainal Abidin
1145-1200	ANA-028	Effect of Drying Method and Ripening Stages on the Phenolics and Antioxidant Activity of Selected Fruit Cultivars/Species of Strawberry and Mulberry from Pakistan Tahir Mahmood
1200-1215	ANA-029	Photocatalytic Degradation for Acid Orange 7 Using Zinc Oxide Nanostructure Prepared with Activated Carbon Hashem Akhlaghi

Session Chairman: Professor Farook Adam		Venue: PERAK 1
TIME	CODE	TITLE
1000-1030	KN-09	Bioregeneration as a Novel Regeneration Process for Adsorbents: Efficiency and Kinetic Studies Professor Lim Poh Eng
1030-1045	ENV-012	Biofuels via Catalytic Hydrotreatment of Bio-Oil Mariya Bykova
1045-1100	ENV-013	Kinetic Study of Bioreduction of Hexavalent Chromium by Raw Saw Dust Ng Zhung Gia

1100-1115	ENV-014	Effect of Carbon and Nitrogen Sources on Phenol Degradation by Locally Isolated Bacteria Nur Haizarisha binti Suratman
1115-1130	ENV-015	Distribution of Surfactants in Sea-Surface Microlayers and Atmospheric Aerosols around Bayan Lepas Coastal Area Nur Ili Hamizah binti Mustaffa
1130-1145	ENV-016	Catalytic Processing of Plant Oils to Biodiesel and Hydrocarbon Fuels Roman G. Kukushkin
1145-1200	ENV-017	Removal of <i>o</i>-Cresol via Powdered Activated Carbon Supplemented Activated Sludge Immobilization Sylvia See
1200-1215	ENV-018	Performance of Moving Bed Sequencing Batch Reactor in the Treatment of Landfill Leachates Tan Kui Chew

Session Chairman: Professor Yeap Guan Yeow		Venue: PERAK 2
TIME	CODE	TITLE
1000-1030	KN-010	Fabrication And Application Of Peptide Conformational Imprints Professor Dar Fu Tai
1030-1045	INO-012	Design, Synthesis and Structural Studies of Xylyl-Linked Bis-Benzimidazolium Salts and Corresponding Ag(I)-N-Heterocyclic Carbene Complexes: Potential Anticancer Agents Against 'Human Colon Cancer' Muhammad Adnan Iqbal
1045-1100	INO-013	The Effect of Substituent Position on Heterocyclic Isatin Schiff Base Ligands Towards Electrical Conductivity Muneera Fatin Manan
1100-1115	INO-014	Synthesis, Characterization, X-ray Structures, <i>in vitro</i> and <i>in silico</i> Biological Applications of Some Complexes Nura Suleiman Gwaram
1115-1130	INO-015	Synthesis and Characterization of Spin-Crossover Metallomesogen: [Co(L)₂](BF₄)₂ (L=C₇H₅N₃(C₆H₁₃)) Nur Linahafizza binti Mohd Noor
1130-1145	INO-016	Synthesis and Characterization of Thiosemicarbazide Schiff Bases and Their Mixed Ligand Transition Metal Complexes Containing Imidazole Derivatives Nurul Ain Mazlan
1145-1200	INO-017	Surface-Charged Modifications of Carbon Nanotubes for Self-Assemble onto Zeolite via Electrostatic Interactions in the Fabrication of CNT-Zeolite Composite Nurul Akmaliah binti Hussin
1200-1215	INO-018	Interaction of Metal Complexes with G-Quadruplex DNA Nurul Huda Abd Karim

Session Chairman: Professor Nicolas Broose		Venue: PERAK 3
TIME	CODE	TITLE
1000-1030	KN-011	Inhibition of Human Hypoxia Inducible Factor (HIF) Hydroxylases Dr. Yeoh Kar Kheng
1030-1045	ORG-012	Synthesis of Novel Polymeric Anti Tuberculosis Drug Sivakamy Sunthiram

1045-1100	ORG-013	Synthesis and Characterization of Alkylated 2-Hydroxynaphthaldehyde and 4-Hydroxycoumarin Sumithda Lim Yeong Hui
1100-1115	ORG-014	Cycloaddition Reaction of Dibenzalacetone with Non-Stabilized Azomethin Ylides: Synthesis of New Spiro-Oxindolopyrrolizidines Abdollah Javidan
1115-1130	ORG-015	An Approach Towards the Synthesis of (-)-Codonopsinine Nurul Shulehaf bt Mansor
1130-1145	ORG-016	Synthesis of Novel N-Chloro and N-N Bond Containing Compounds for Various Biological Applications Sabbasani Rajasekhara Reddy
1145-1200	ORG-017	Profiling Cumulative Chemical Stress Responding Genes In Yeast (<i>Saccharomyces cerevisiae</i>) Muhammad Younas Khan

Session Chairman: Professor Santiago Gomez		Venue: NILAM 1
TIME	CODE	TITLE
1000-1030	KN-012	Prediction of Some Physical Properties of Multicomponent Aqueous Solution Professor Teng Tjoon Tow
1030-1045	PHY-01	New Insight into the Mechanism of the Photocatalytic Reforming of Alcohols Hasliza Bahruji
1045-1100	PHY-02	Synthesis, Characterization, Antimicrobial, Anticancer and Molecular Docking Studies of Some New Benzimidazole, Benzoxazole, Imidazole and Tetrazole Derivatives Helen P. Kavitha
1100-1115	PHY-03	Surface Modification of Activated Carbon and Its Sorption Affinity Towards Selenite Irfan Shah
1115-1130	PHY-04	Thermodynamic and Kinetic Studies of Synergistic Combination of Iodide Ions and Mangrove Tannin as Corrosion Inhibitor for Mild Steel in HCl Solution Mohd Ridhwan Adam
1130-1145	PHY-05	The Effect of Mercerization on Single Fiber Tensile Test of Pineapple (<i>Ananas comosus</i>, Josapine Hybrid) Leaf Fiber Nadirul Hasraf Mat Nayan
1145-1200	PHY-06	Mechanism of the Oxidation of Acetylferrocene by Ferricyphen in Aqueous Dioxane Rozina Khattak
1200-1215	PHY-07	Formate Ions as the Charge Destabilizer in Epoxy/Polyaniline Nanocomposites Saiful Izwan Abd Razak

Session Chairman: Ms. Voon Sui Yien		Venue: NILAM 2
TIME	CODE	TITLE
1000-1030	KN-013	Catalyst development: Challenges For Sustainable Energy And Chemicals Production Professor Taufiq Yap Yun Hin
1030-1045	MAT-01	Inhibitory Action of Natural Product's Extract on the Corrosion of Mild Steel in Acidic Medium B. Anand

1045-1100	MAT-02	Synthesis and Structural Characterization of Iron Oxide-Silica Composites Prepared by Different Method Biplob Kumer Deb
1100-1115	MAT-03	Development of Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-δ} Modified Glassy Carbon Cathode as Intermediate Temperature Solid Oxide Fuel Cell-Synthesis and Characterization Farhanini Yusoff
1115-1130	MAT-04	Tetramethylguanidine-Silica Nanoparticles as an Efficient and Reusable Catalyst for the Synthesis of Cyclic Propylene Carbonate from Carbon Dioxide and Propylene Oxide Muazu Samaila Batagarawa
1130-1145	MAT-05	At Ambient Pressure Darren Ng Tat Lun
1145-1200	MAT-06	Crystal Morphology of ALPO-5 Molecular Sieves Templated by a Novel Imidazolium-Based Structure-Directing Agent Damien Khoo Yiyuan
1200-1215	MAT-07	Thermophysical Properties Of Novel Propanenitrile Imidazolium-Based Dual Functionalized Room Temperature Ionic Liquids Abobakr Khidir Ziyada Taha

Session Chairman: Associate Professor Dr. Jean-Michel Lavoie		Venue: INTAN
TIME	CODE	TITLE
1000-1030	KN-014	Design of Discotic Liquid Crystalline Molecule for Hierarchical Columnar Assemblies Professor Ong Chi Wi
1030-1045	POLY-01	Treated Corn Cob Filled Chitosan Biocomposites Film Chan Ming Yeng
1045-1100	POLY-02	Effect of Anionic Sodium Dodecyl Sulphate and Nonionic Brij 35 on Natural Rubber Latex Properties Evelyn Lim Hui Mei
1100-1115	POLY-03	Utilisation of Cocoa Pod Husk as Filler in Polypropylene Biocomposites Koay Seong Chun
1115-1130	POLY-04	Thiazole Based Terpolymer and Its Metal Complexes: Thermal Degradation and Antibacterial Studies M. Riswan Ahamed
1130-1145	POLY-05	Synthesis of Amphiphilic Graft Copolymer Polystyrene-Graft-Poly(Acrylic Acid) by Atom Transfer Radical Polymerization Noraimi binti Basaruddin
1145-1200	POLY-06	Radiation Grafted Polyolefin Film with Antimicrobial Properties for Active Packaging Applications: A Preliminary Evaluation Nor Azwin binti Shukri
1200-1215	POLY-07	Molecular Imprinting Polymer Particles for Efficient Recognition Towards Vanillin Nor Nadiah Mohamad Yusof

ORAL PRESENTATIONS

Session Chairman: Dr. Lim Gin Keat		Venue: PERAK 1
TIME	CODE	TITLE
1400-1430	KN-015	Organometallic Macrocycles and Cages Professor Jin Guo Xin
1430-1445	ENV-019	Novel Subsurface-Flow Constructed Wetland for the Enhancement of Acid Orange 7 Removal Tee Heng Chong
1445-1500	ENV-020	Bioregeneration of Mono-Amine Modified Silica Particles Loaded with Azo Dyes: Effect of Particle Size Waheeba Ahmed Al-Amrani
1500-1515	ENV-021	Direct Synthesis of Cyclic Carbonates from Epoxides and CO₂ Catalysed MCM-41-IMI/Br with High Activity and Selectivity Jimmy Nelson Appaturi

Session Chairman: Professor P. Kannan		Venue: PERAK 2
TIME	CODE	TITLE
1400-1430	KN-016	C–H Coupling Reactions of Heteroaromatic Compounds By Transition-Metal Catalysis Professor Atsunori Mori
1430-1445	INO-019	Photocatalytic Degradation of 1,2-Dichlorobenzene in Aqueous Suspension by Using TiO₂ in Anatase and Rutile Phase Renugambaal A/P K.Nadarajan
1445-1500	INO-020	Mixed-Ligand Metal-Saccharinate Complexes Containing Dithiocarbazate and Thiosemicarbazide Ligands: Synthesis, Characterization and X-ray Crystallographic Structural Studies Siti Aminah Omar
1500-1515	INO-021	Methanation Reaction over Cerium Oxide Based Catalysts for Flue Gases Treatment of Coal-Burning Power Plant Susilawati binti Toemen
1515-1530	INO-022	Schiff Base of 4-Methyl-3-Thiosemicarbazide with 4-(4-Acetoxyphenyl)-2-Butanone and Its Metal Complexes: Synthesis, Characterization and Cytotoxic Activity Tan Ming Yueh
1530-1545	INO-023	Highly Modular Access to Functionalized Metal-Carbenes via Post-Modifications of a Single Bromoalkyl-Substituted NHC Palladium(II) Complex Teng Qiaoqiao

Session Chairman: Professor Ong Chi Wi		Venue: PERAK 3
TIME	CODE	TITLE
1400-1430	KN-017	Adsorption Property of Porous Metal-Organic Frameworks Professor Sun Wei-Yin
1430-1445	OTH-09	Chitosan Supported Phytosynthesised Palladium Nanoparticles as Catalyst for Suzuki-Miyaura Carbon-Carbon Coupling Reaction Mohd Shahrul Shahmi bin Md Shariff
1445-1500	OTH-010	Biosynthesis of Gold Nanoparticles Using Leaf Extract of <i>Polygonum minus</i> Suhaila binti Borhamdin
1500-1515	INO-024	Development of Functionalized and Nano ZnO Encapsulated Biodegradable Chitosan-Acrylate Polymers for Biomedical Application K.M. Govindaraju

1515-1530	INO-025	Functionalised Pincer (CNC) Ligands: Structures and Physical Properties Patrick Asekunowo
1530-1545	INO-026	Study of Catalytic Activity of Yttrium Compounds for Methyl Carbamate Production from Urea and Methanol Titin Ariyani

Session Chairman: Dr. Noor Hana Hanif Abu Bakar		Venue: NILAM 1
TIME	CODE	TITLE
1400-1430	KN-018	Strategies for the Formation of Covalently Bonded Nano-Networks on Noble Metals via Amine Reactions Dr. Lee Hooi Ling
1430-1445	PHY-08	Guest-Host Interaction of Coinage Metals in π-Rich Cavities Wong Zhi Xiang
1445-1500	PHY-09	Optimization and Stability Assessment of Solid Lipid Nanoparticles using Particle Size and Zeta Potential Rohan M. Shah

Session Chairman: Mr. Wong Jia Tian		Venue: NILAM 2
TIME	CODE	TITLE
1400-1430	KN-019	Perspectives of Non Platinum Anti Cancer Agents Professor Teoh Siang Guan
1430-1445	NAT-012	New Flavonoids As Potential Antioxidant And Cytotoxic Agent From Artocarpus Elasticus. Faiqah Binti Ramli
1445-1500	NAT-013	Nutritional Impacts of Lophira Lanceolata's Vegetable Oils, Extracted by Traditional Methods in Benin Nonviho

Session Chairman: Mr. Sumithda Lim Yeong Hui		Venue: INTAN
TIME	CODE	TITLE
1400-1430	KN-020	Advances on Latex Chemistry and Technology Dr. Ho Chee Cheong
1430-1445	POLY-08	Effect of Chitosan on Polyamide6/Polypropylene Blends Nur Wahidah bt Abd Hakim
1445-1500	POLY-09	Pharmacological Applications of Terpolymer Ligand and Its Metal Complexes: Synthesis, Characterization, and Thermal Degradation Kinetics R. Azarudeen
1500-1515	POLY-010	Outdoor Weathering on the Tensile Properties and Morphology of ENR 50 Compatibilised LLDPE/Soya Spent Powder Blends Sam Sung Ting
1515-1530	POLY-011	Study the Effect of Different Temperature Processing on Tensile Properties of Recycled Polypropylene/Recycled High Density Polyethylene Blends Siti Mariam Atiqah Abdul Aziz
1530-1545	POLY-012	Development and Characterization of Chitin Nanowhiskers Using Fermented Chitin Syazeven Effatin Azma binti Mohd Asri

SCHEDULE

DAY 3: 1st FEBRUARY 2013/ FRIDAY

ORAL PRESENTATIONS

Session Chairman: Professor Mohd. Jain Noordin Mohd. Kassim		Venue: MAS
TIME	CODE	TITLE
0900-0930	KN-021	How to Write Your First Scientific Article. Useful Tips for Chemists in the Early Stage Professor Santiago Gomez

Session Chairman: Professor Teng Tjoon Tow		Venue: PERAK 1
TIME	CODE	TITLE
0900-0930	KN-023	Photo and Electrically-Switchable Bent-Core Liquid Crystals and Their Polymers Professor P. Kannan
0930-0945	INO-027	Alumina Supported Polymolybdates Based Catalyst for Oxidative Desulfurization Reaction of Diesel Fuel Wan Nazwanie Wan Abdullah

Session Chairman: Dr. Chanbasha Basheer		Venue: PERAK 2
TIME	CODE	TITLE
0900-0930	KN-024	Design of Coordination Architectures with Multiple Functions Professor Bu Xian He
0930-0945	POLY-013	Chemical Modification of Chitosan Grafted with Polystyrene by Using Ammonium Persulphate Initiator Umar Abdulganiyu

ORAL PRESENTATIONS

Session Chairman: Professor Mohd. Jain Noordin Mohd. Kassim		Venue: MAS
TIME	CODE	TITLE
1000-1030	KN-021	Basic Steps for Writing Successful Proposals Professor Santiago Gomez
1030-1100	Talk 1	Petronas representative
1100-1130	Talk 2	Perkin Elmer representative

Session Chairman: Professor Teng Tjoon Tow		Venue: PERAK 1
TIME	CODE	TITLE
1000-1015	INO-028	Synthesis of Pyrazolin-5-Ylidene Palladium(II) Complexes and Application in Catalysis Jan Christopher Bernhammer
1015-1030	INO-029	Synthesis and Characterization of Three New Nitrile-Functionalized Silver(I)-N-Heterocyclic Carbene Complexes Zetty Zulikha Hafiz
1030-1045	INO-030	Catalytic Suzuki Cross-Coupling Reaction Over P, N, S Tridentate Palladium(II) Iminophosphine Complexes Khalisah Asilah Mokhtar
1045-1100	INO-031	Preparation and Characterization of Thermally Stable Mixed-Metal Complex for Spintronic Applications: [CoCu(CH ₃ COO) ₂ (C ₂₂ H ₂₆ N ₂ O ₄)(H ₂ O)] Yanti Yana Halid

1100-1115	INO-032	Ag(I)-N-Heterocyclic Carbene Complexes of N-Allyl Substituted Imidazol-2-Ylidines with <i>ortho</i>-, <i>meta</i>- and <i>para</i>-Xylene Spacers: Synthesis, Crystal Structures and <i>in vitro</i> Anticancer Studies Mohammed Z. Ghdayeb
1115-1130	INO-033	Synthesis and Characterization of Two Isomers of Binuclear Pd(II) Complexes Derived from 2,4,6-Tri(2-Pyridyl)-1,3,5-Triazine (TPTZ) Mohsen M. Mostafa
1130-1145	INO-034	Synthesis and Characterization of Silver N-Heterocyclic Carbenes For Anti-Cancer and Anti-Microbial Applications Siti Fatimah Nasri

Session Chairman: Dr. Chanbasha Basheer		Venue: PERAK 2
TIME	CODE	TITLE
1000-1015	POLY-014	Mechanical and Morphological Properties of Polylactic Acid/Recycled Low Density Polyethylene/Nypa Fructican Fiber Biocomposites Compatibilized with Polyethylene-CO-Acrylic Acid Mohamad Syahmie bin Mohamad Rasidi
1015-1030	POLY-015	Study Of The Thermo-Oxidative Depolymerization Of Cis-And Trans-Polyisoprene Bashir Betar
1030-1045	POLY-016	Preparation of Lignin Graft Copolymer as a Filtrate Loss Additive for Water-base Mud Lim Say Liang
1045-1100	POLY-017	Study Of The Uptake Of Water And Organic Compounds By Chitosan-ENR50 Biocomposites Luqman Mahmood Idrees
1100-1115	POLY-018	Thermal Characterization Of Denture Base Poly (Methyl Methacrylate) Filled Barium Titanate Saied H. Mohamed

SCHEDULE

DAY 1: 30th JANUARY 2013/ WEDNESDAY

POSTER PRESENTATIONS

No.	CODE	TITLE
1.	ANA-P1	Separation and Detection of Some Cations by Unsuppressed Conductivity and Indirect Photometric Methods Ahmed Z. Mohamed Hussein Albassam
2.	ANA-P2	Direct Immersed-Solid Phase Microextraction (DI-SPME) Coupled with Gas Chromatography-Flame Photometric Detector (GC-FPD) for Determination of Trace Amounts of Organophosphorus Pesticides Haizarul Aida binti Sapahin
3.	ANA-P3	Metals Analysis of Green Tea Available in Korea by ICP-MS and ICP-OES Kyong-Su Kim
4.	ANA-P4	Dibenzo-18-Crown-6 Bis 9-Fluorene Acetyl for Solid Phase Extraction of Silver Ions from Aqueous Solution Mohamed Ahmed Moallim Ibrahim
5.	ANA-P5	Simultaneous Determination of Furfurals and Patulin in Tropical Juices Using High Performance Liquid Chromatography Nur Bahiyah binti Abu Bakar
6.	ANA-P6	An Economic Paper-Based Glucose Biosensor on LEGOTM Wei-Cheng Chen
7.	ANA-P7	New HPLC Method for the Determination of Furfurals Using Dansylhydrazine as Derivatization Reagent Tengku Noor Aminah bt Tunku Mahmud
8.	ANA-P8	Removal of Iron(III) from Contaminated Canned Food Using Eucarbon Drug Zahrah Thamer Al-Thagafi
9.	MAT-P1	Controlled Hydrothermal Synthesis of Bismuth Oxybromide and Their Visible-Light-Responsive Photocatalytic Properties Chiing-Chang Chen
10.	MAT-P2	Ionothermal Synthesis of AlPO-5 Porous Materials with Hexagonal Thin Plate Morphology Influenced by Various Parameters at Ambient Pressure Damien Khoo Yiyuan
11.	MAT-P3	AlPO-5 Colloidal Nanocrystals Templated by 1,2-Dimethyl-3-Ethylimidazolium Hydroxide: Synthesis and Characterization Darren Ng Tat Lun
12.	MAT-P4	Setting Reaction of Glass Polyalkenoate Cement-Modified Montmorillonite (AL-MMT and ODA-MMT) by Using FTIR Technique Nur'Izzah binti Md Nasir
13.	MAT-P5	V-Shaped Disubstituted Thiourea-Chlorophyll Thin Films as Potential Organic Solar Cell Rafizah binti Rahamathullah
14.	MAT-P6	Synthesis and Structural Studies on Supramolecular Assembly of 1,2-Bis[4-(4-(10-Decyloxy)Phenylazo)] Benzoylhydrazine and Its Derivatives with Different Carboxylic Acid Dopants Subramanian Balamurugan
15.	PHY-P1	QSAR Models for Predicting Toxicities of Microcysting Alex A. Tardaguila

16.	PHY-P2	Catalytic Hydrocracking of Palm Oil to Liquid Biofuel Fractions Using Cr/Activated Natural Zeolite as the Catalyst Gaspar Bao Balabuana
17.	PHY-P3	Anodic Behavior of CP-Ti in Simulating Physiological Media and Testing Stability of the Potentiostatically Grown Barrier-Porous Oxide Film Ghaida S. Alosaimi
18.	PHY-P4	Fluorescence Quenching of Quantum Dots by Small Drug Molecules Ooi May Yui
19.	PHY-P5	The Ciprofloxacin Beta-Cyclodextrin: Molecular Modelling Studies Saleh Ahmad Mousa Alwahsh
20.	PHY-P6	Theoretical and Experimental Studies of the Inclusion Complex of Methyl Red with Cyclodextrins Boubaker Miftah Mohammed Ali Hosouna
21.	PHY-P7	Synthesis, Characterization Nanosized Metal Chlorides Supported on Chiral Mesoporous Silica (CMS) Law Soon Pin
22.	PHY-P8	Investigation of Formation Mechanism of Chiral Mesoporous Silica (CMS) by Anionic Chiral Surfactant Self-Assembly Tan Kok Hou
23.	POLY-P1	Fatigue, Resilience, Hardness, and Swelling Behavior of Natural Rubber and Recycled Acrylonitrile-Butadiene Rubber (NR/NBRr) Blends Hazwani Syaza binti Ahmad @ Sofa
24.	POLY-P2	Effects of Filler Loading on Water Absorption & Swelling Properties of PVC/ENR/KENAF Powder Composites Rohani binti Abdul Majid
25.	POLY-P3	Synthesis and Characterization of Glass Polyalkenoate Cement from Rice Husk Siti Busyra binti Abu Hassan
26.	ENV-P1	Adsorption of Selected Dyes by Chemically Modified <i>Uncaria gambir</i> Extract Azraa binti Achmad
27.	ENV-P2	Detection of Antimicrobial Residues in <i>Imperata cylindrica</i> via High Performance Liquid Chromatography Lee Hsien Hooi
28.	ENV-P3	Adsorption of Nickel(II) Ion from Aqueous Solutions by Gambir: Equilibrium and Isotherms Studies Tong Kim Suan
29.	IND-P1	Toxicity Studies of Copper-Gambir Complexes as an Antifoulant in Antifouling Paint Hairul Safley b. Hamdan
30.	IND-P2	Synthesis and Characterization <i>o</i>-, <i>m</i>- and <i>para</i>-Toluyyl Thiourea Substituted <i>para</i>-Pyridine and Ethyl Pyridine Nadiah Ameram
31.	IND-P3	Evaluation of Copper-Tannate Complexes as an Antifouling Agent in the Antifouling Paint Formulation Nurul Azwin binti Usol Ghafli
32.	OTH-P1	Tetrahydroimidazo[1,2-a][1,8]Naphthyridine Regulates Ions Transport and Cell Death in Cultured Cardiomyocytes Low Kit Yee

SCHEDULE

DAY 2: 31st JANUARY 2013/ THURSDAY

POSTER PRESENTATIONS

No.	CODE	TITLE
1.	ORG-P1	Synthesis of New Quinazoline Derivatives Abou-Bakr Haredi Abdel-Monsef Ahmed
2.	ORG-P2	Synthesis, Characterization and Antibacterial Studies of Aryl Substituted Thiourea-Chitosan System Towards Selected Bacteria Species Adibah Izzati Daud
3.	ORG-P3	Selected Naphtalenyloxy and Phenoxy Pyrazines: Synthesis and Fluorescence Characteristic Hasna Nadiah Johari
4.	ORG-P4	Metal Ion-Prompted Pyrene-Excimer Formation via Anion Mediated-Process and Its Application for Ratiometric Zn²⁺ Chemosensor with High Selectivity Over Cd²⁺ Kyungkyu Baek
5.	ORG-P5	Synthesis and Toxicity Evaluation of Furanone Derivatives (Butyrolactones) Maysoon Mohammed Almahdi
6.	ORG-P6	Photocatalytic Synthesis of Bioactive Fused Pyrazolopyrimides and Their Derivatives Moursi Hosni Ali Abu Bieh
7.	ORG-P7	Fluorescence Study of Aryl Azide Compounds with Different Substituent Groups Nur Atiqah Diyana binti Othman
8.	ORG-P8	Synthesis of Lactone Analogues of Atranone F via Radical Cyclisation Approach Nawwar Fathiah binti Mohd Fauzi
9.	ORG-P9	Epoxidation of Used Cooking Oil under Chemo-Enzymatic Condition Ummu Jameelah binti Dalimi
10.	ORG-P10	Chemical Explorations of 3-Pyrrolin-2-One: Michael Addition and Epoxidation Reactions Aimi Suhaily bt Saaidin
11.	ORG-P11	Synthetic Studies Towards the Synthesis of 4-Hydroxybenzylated N-Methyl 3-Acyl Tetramic Acid Norhanim binti Mohalid
12.	ORG-P12	Synthesis and Characterization of New Coumarin Derivatives Fused with Substituted Thiazole Ring Samina Khan Yusuf Zai
13.	INO-P1	Synthesis and Characterization of Gold/Carbon Spheres via Hydrothermal Method Afrouz Baharvand
14.	INO-P2	Synthesis, Structural Characterization and Biological Properties of Copper Complexes with Ligands Containing Phosphonium Substituents Chew Shin Thung
15.	INO-P3	Synthesis and Structural Characterization of Benzyltin Complexes with Schiff Base Ligands Chow Kit May
16.	INO-P4	Anionic Control of Spin Crossover in [Fe(qsal^{OMe})₂]Y Darunee Sertphon

17.	INO-P5	Synthesis and Analysis of Some Iron Vitamins Enas Salah Aldin Muhammed Dafalla
18.	INO-P6	Zinc(II) Complex Bearing a Cationic Schiff Base with a Bromoethyl Group: Synthesis, Spectroscopic Characterizations and Biological Study on <i>E. coli</i> Topoisomerase I Activity Lee Sze Koon
19.	INO-P7	Several Organotin(IV) Complexes Featuring 2-Benzylpyridinedithiocarbamate as Ligand and Their Antimicrobial Activity Studies Mohd Faizuddin bin Abu Hasan
20.	INO-P8	Synthesis and Spectroscopic Characterisations of Diorganotin(IV) Derivatives with <i>N</i>-Methyl-4-Bromobenzohydroxamic Acid Naqeebullah
21.	INO-P9	Synthesis and Investigation of Coordinate Compounds of Functionally Substituted Aryl Hydrazones Rana Abdulilah Abbas Al Tahhan
22.	INO-P10	Synthesis and Characterization of New Dithiocarbazates Derived from Isoniazid and Their Metal Complexes Shahedeh Tayamon
23.	INO-P11	Catalytic Studies of Heterogenous Palladium(II) Complexes Bearing <i>N</i>-(5-Methylpyridin-2-Ylcarbamothiol) Cinamamide Ligand in Sonogashira Cross-coupling Reactions Siti Maryam binti Jasman
24.	INO-P12	An Investigation of the Supramolecular C–H to Metalloaromatic Ring Interaction, C–H...π (HgS_2C), in Bis(<i>N,N'</i>-Diethyl Dithiocarbamate) Mercury(II): Variable Temperature X-ray and Neutron Diffraction Studies Tan Yee Seng
25.	INO-P13	Synthesis, Crystal Structure and Magnetic Characterization of the Novel Discret Dinuclear Complexes Chiboub Fellah Fatima Zohra
26.	INO-P14	Synthesis, Physicochemical Properties, X-ray Crystal Structures and DNA Cleavage Activity of NOS Tridentate Schiff Base and Its Nickel Complex Amna Qasem Ali
27.	INO-P15	The Synthesis and Characterization of MCM-41 Containing Copper and Iron Catalyst for the Oxidation of Benzyl Alcohol Atikah Aini binti Abdullah
28.	INO-P16	Zinc, Ceria and Iron Incorporated Rice Husk Silica and Its Photocatalytic Activity Siti Farahiyah binti Mohd Rosli
29.	INO-P17	Ag(I)-N-Heterocyclic Carbene Complexes of <i>N</i>-Allyl Substituted Imidazol-2-ylidenes with Ortho-, Meta- and Para-Xylene Spacers: Synthesis, Crystal structures and in Vitro Anticancer Studies Mohammed Z. ghdayeb
30.	NAT-P1	Three Long Chain Fatty Acids Isolated from <i>Celastrus paniculatus</i> Arshad Hussain
31.	NAT-P2	Chemical Study on Steam of <i>Phyllanthus columnaris</i> Jamal A. Nasser
32.	NAT-P3	Triterpenes from <i>Euphorbia hirta</i> Kimberly Cornelio
33.	NAT-P4	Hypoglycemic Potential of Triterpenes from <i>Alstonia scholaris</i> (L.) R. Br. Kosta Fremielle Lim

34.	NAT-P5	Antioxidant Activity and Mineral Analysis of Sabah's Upland Rice in Different Conditions Noah Michael S. Liansim
35.	NAT-P6	Determination of Volatile Compounds that Potentially Contribute to the Cocktail of Jasmine Fragrance in South East Asian Rice Using GCXGC-MS Oh Su Qing
36.	NAT-P7	Characterization of the Glucosinolates and Isothiocyanates in Malunggay (<i>Moringa oleifera</i> L.) Extracts and Determination of Their Myrosinase Activity and Anticancer Properties Raymond S. Malabed
37.	NAT-P8	Alkaloids from the Barks of <i>Alseodaphne peduncularis</i> (Wall. Ex. Ness) Meissn Siti Nor Fadzilah binti Mohammad
38.	NAT-P9	Optimizing Culture Conditions of <i>Arthrospira platensis</i> for Aquaculture Feeds Elvis T. Chua
39.	NAT-P10	Development of an Enzyme-Linked Immunosorbent Assay of Mitragynine Lee Mei Jin
40.	NAT-P11	1,1'-Binaphthalene-2,2'-Diol, A New Biaryl Natural Product from <i>Sesbania grandiflora</i> Root Noviany