

PROGRAM SUMMARY

Day 0 (Sunday, 27 August 2023)

Time	Program	Venue
05.00–06.00 pm	Early Registration	Registration counter

Day 1 (Monday, 28 August 2023)

Time	Program	Venue
08.00–09.00 am	Registration Arrival of Guests and Participants	Registration counter
09.00–09.30 am	Welcome Address & Opening Ceremony SKAM35 (ANALIS & SKAM35 Committee)	Ballroom
09.30–10.00 am	Keynote Lecture 1	
10.00–10.30 am	Tea Break	
10.30–12.30 pm	Parallel Session 1 Poster Session 1 Exhibition - Sponsors	Ballroom, Breakout Rooms
12.30–02.15 pm	Lunch	
02.15–02.45 pm	Keynote Lecture 2	Ballroom
02.50–04.00 pm	Parallel Session 2 Poster Session 1 Exhibition - Sponsors	Ballroom, Breakout Rooms
04.00–04.30 pm	Tea Break	
08.00–10.30 pm	Conference Dinner & ANALIS Award	Ballroom

Day 2 (Tuesday, 29 August 2023)

Time	Program	Venue
09.00–09.30 am	Keynote Lecture 3	Ballroom
09.30–10.00 am	Keynote Lecture 4	Ballroom
10.00–10.30 am	Tea Break	
10.30–12.45 pm	Parallel Session 3 Poster Session Exhibition - Sponsor	Ballroom, Breakout Rooms
12.30–02.15 pm	Lunch	
02.15–02.45 pm	Keynote Lecture 5	Ballroom
02.50–04.15 pm	Parallel Session 4 Poster Session Exhibition - Sponsor	Ballroom, Breakout Rooms
04.15–04.45 pm	Tea Break	
04.45–06.30 pm	Annual General Meeting ANALIS	Ballroom

Day 3 (Wednesday, 30 August 2023)

Time	Program	Venue
08.30–10.00 am	Parallel Session 5 Poster Session Exhibition - Sponsors	Ballroom, Breakout Rooms
10.00–10.30 am	Tea Break	
10.30–12.30 pm	Awards Presentation & Closing Ceremony	Ballroom
12.30–02.00 pm	Lunch	
	End of Conference	

DAY 1: 28 AUGUST 2023 (MONDAY)				
TIME	PROGRAM			
08.00–09.00 am	Registration			
09.00–09.30 am	Welcome Address & Opening Ceremony SKAM35 ANALIS & SKAM35 Committee (BALLROOM)			
09.30–10.00 am	Keynote Lecture 1 Prof. Datuk ChM Ts. Dr Taufiq Yap Yun Hin Chairperson: Assoc. Prof. Dr Noraini Hamzah (BALLROOM)			
10.00–10.30 am	Tea Break & Poster Session 1			
(VENUE)	BALLROOM	DIAMOND	RUBY	EMERALD
10.30–10.45 am	MAT01	ENV01	ANA04	SYN02
10.45–11.00 am	MAT03	ENV55	ANA05	SYN03
11.00–11.15 am	MAT04	ENV06	ANA06	SYN05
11.15–11.30 am	MAT05	ENV07	ANA07	SYN06
11.30–11.45 am	MAT06	ENV09	ANA08	SYN07
11.45–12.00 pm	MAT07	ENV11	ANA09	SYN11
12.00–12.15 pm	MAT08	ENV13	ANA10	SYN12
12.15–12.30 pm	MAT42	ENV48	ANA12	SYN20
12.30–02.15 pm	Lunch			
02.15–02.45 pm	Keynote Lecture 2 Dr. Andrew John Hunt Chairperson: Assoc. Prof. Dr Yong Soon Kong (BALLROOM)			
02.50–03.15 pm	INV01	INV02	INV03	INV04
03.15–03.30 pm	MAT09	ENV17	ANA13	SYN13
03.30–03.45 pm	MAT14	ENV18	ANA24	SYN18
03.45–04.00 pm	MAT40	ENV19	ANA27	SYN27
04.00–04.30 pm	Tea Break			
08.00–10.30 pm	Conference Dinner & ANALIS Award (BALLROOM)			

DAY 2: 29 AUGUST 2023 (TUESDAY)

TIME	PROGRAM				
08.00–09.00 am	Registration				
09.00–09.30 am	Keynote Lecture 3 Prof. ChM Dr. Mohd Basyaruddin Abdul Rahman Chairperson: Assoc. Prof. Dr Zuraida Khusaimi (BALLROOM)				
09.30–10.00 am	Keynote Lecture 4 Prof. Dr. Hafizan Juahir Chairperson: Prof. Dr. Sharifah Mohamad (BALLROOM)				
10.00–10.30 am	Tea Break & Poster Session 2				
	(VENUE)	BALLROOM	DIAMOND	RUBY	EMERALD
10.30–10.45 am		MAT15	ENV25	ANA01	SYN21
10.45–11.00 am		MAT16	ENV27	ANA14	SYN23
11.00–11.15 am		MAT17	ENV29	ANA15	SYN24
11.15–11.30 am		MAT18	ENV30	ANA19	SYN26
11.30–11.45 am		MAT19	ENV38	ANA22	SYN14
11.45–12.00 pm		MAT43	ENV41	ANA23	ANA29
12.00–12.15 pm		MAT21	ENV53	ANA28	ANA33
12.15–12.30 pm		MAT22	ENV58	ANA37	ANA34
12.30–02.15 pm	Lunch				
02.15–02.45 pm	Keynote Lecture 5 Prof. Dr. Norizan Ahmat Chairperson: Dr. Noor Hidayah Pungot (BALLROOM)				
02.50–03.15 pm		INV05	INV06	INV07	INV08
03.15–03.30 pm		MAT20	ENV31	ENV36	ANA30
03.30–03.45 pm		MAT23	ENV35	ENV28	ANA31
03.45–04.00 pm		MAT24	ENV46	ENV40	MAT34
04.00–04.15 pm		MAT25	ENV14	ENV42	MAT55
04.15–04.45 pm	Tea Break				
04.45–06.30 pm	Annual General Meeting ANALIS (BALLROOM)				

DAY 3: 30 AUGUST 2023 (WEDNESDAY)				
TIME	PROGRAM			
(VENUE)	BALLROOM	DIAMOND	RUBY	EMERALD
08.30–08.45 am	MAT28	ENV12	MAT36	MAT26
08.45–09.00 am	MAT29	MAT33	MAT51	MAT39
09.00–09.15 am	MAT30	MAT44	MAT37	MAT41
09.15–09.30 am	MAT31	MAT45	MAT56	MAT48
09.30–09.45 am				
09.45–10.00 am				
10.00–10.30 am	Tea Break			
10.30–12.30 pm	Awards Presentation & Closing Ceremony (BALLROOM)			
12.30–02.00 pm	Lunch			

KEYNOTE LECTURES**DAY 1: 28 AUGUST 2023 (MONDAY)****ROOM: BALLROOM**

TIME	CODE	Title
09.30–10.00 am	KEYNOTE01	Catalysis, Green Chemistry & Sustainability: Challenges & Opportunities Prof. Datuk ChM Ts. Dr Taufiq Yap Yun Hin (Universiti Putra Malaysia, Malaysia) Chairperson: Assoc. Prof. Dr Noraini Hamzah
02.15–02.45 pm	KEYNOTE02	The Development and Application of Sustainable Hindered Ether Solvents for Chemical and Materials Synthesis Dr. Andrew John Hunt (Khon Kaen University, Thailand) Chairperson: Assoc. Prof. Dr Yong Soon Kong

DAY 2: 29 AUGUST 2023 (TUESDAY)**ROOM: BALLROOM**

TIME	CODE	Title
09.00–09.30 am	KEYNOTE03	Romancing the Reticular Materials for Nanodelivery of Active Molecules in Biomedical and Agrichemical Applications Prof. ChM Dr. Mohd Basyaruddin Abdul Rahman (Universiti Putra Malaysia, Malaysia) Chairperson: Assoc. Prof. Dr Zuraida Khusaimi
09.30–10.00 am	KEYNOTE04	Demystifying Data Analytics using Chemometric Techniques: Empower Yourself for Chemicals Data Interpretation Prof. Dr. Hafizan Juahir (Universiti Sultan Zainal Abidin, Malaysia) Chairperson: Prof. Dr. Sharifah Mohamad
02.15–02.45 pm	KEYNOTE05	Discovering the Phytochemical, Bioactivity and SAR of the <i>Macaranga</i> species (Eupobiaceae) Prof. Dr. Norizan Ahmat (Universiti Teknologi MARA, Malaysia) Chairperson: Dr. Noor Hidayah Pungot

INVITED SPEAKERS**DAY 1: 28 AUGUST 2023 (MONDAY)****02.50–03.15 pm**

ROOM	CODE	Title
BALLROOM	INV01	Comprehensive Analysis of Dynamic Mechanical Properties in NR/BR/SSBR Blends Reinforced with CB/Silica Fillers Assoc. Prof. Ir. Dr. Nadras Othman (Universiti Sains Malaysia)
DIAMOND	INV02	Occurrence, Distribution and Characteristics of Microplastics in Gastrointestinal Tract and Gills of Commercial Marine Fish from Malaysia Prof. Dr. Azwani Lazim (Universiti Kebangsaan Malaysia)
RUBY	INV03	Trends In Solid Phase Extraction Techniques for Analytical Quantification of Antibiotics Assoc. Prof. Dr. Noorfatimah Yahaya (Universiti Sains Malaysia)
EMERALD	INV04	Thiourea Derivatives as Potential Epidermal Growth Factor Receptor-Tyrosine Kinase (EGFR-TK) Inhibitors: Design, In Silico Prediction and Cytotoxic Study Assoc. Prof. Dr. Nurziana Ngah (Universiti Islam Antarabangsa Malaysia)

DAY 2: 29 AUGUST 2023 (TUESDAY)**02.50–03.15 pm**

ROOM	CODE	Title
BALLROOM	INV05	Alkaline Earth Metals Modified Nickel Nanoparticles Supported on Exfoliated Graphitic Carbon Nitride for Atmospheric CO₂ Methanation Assoc. Prof. Ts. Dr. Wan Nor Roslam Wan Isahak (Universiti Kebangsaan Malaysia)
DIAMOND	INV06	Multifunctional Biocomposite of Chitosan Grafted Benzaldehyde/ Montmorillonite/Algae for Effective Removal of Brilliant Green and Reactive Blue 19 Dyes Assoc. Prof. Dr. Ali H. Jawad (Universiti Teknologi MARA)
RUBY	INV07	Microwave/KOH Activation of Rubber Seed Shell for Sorption of Malachite Green from Aqueous System Assoc. Prof. Dr. Yong Soon Kong (Universiti Teknologi MARA)
EMERALD	INV08	The Preparation of Pretreated Biochar using <i>Jacaranda</i> Fruits (Acid-modified) for Chromium Ions Removal from Aqueous Solutions Prof. Imad (Moh'D Khair) Rashid Hamadneh (University of Jordan)

Detailed Schedule – Oral Presentation

DAY 1: 28 AUGUST 2023 (MONDAY)

KEYNOTE LECTURE

ROOM: BALLROOM		
TIME	CODE	Title
09.30–10.00 am	KEYNOTE01	Catalysis, Green Chemistry & Sustainability: Challenges & Opportunities Prof. Datuk ChM Ts. Dr Taufiq Yap Yun Hin (Universiti Putra Malaysia, Malaysia)

PARALLEL SESSION 1 10.30 am – 12.45 pm

ROOM: BALLROOM CHAIRPERSON: DR NURUL IZRINI IKHSAN (UiTM) TIMEKEEPER: MOHAMAD NOR AMIRUL AZHAR		
TIME	CODE	TITLE
10.30–10.45 am	MAT01	Quality Assessment and Geographical Discrimination of Stingless Bee Honey by Their Major-to-trace Elements Analysis using ICP-OES Employed with Chemometrics Mr. Ganapaty Manickavasagam (Universiti Sains Malaysia)
10.45–11.00 am	MAT03	Synthesisation of Tin Doped Zinc Oxide (TZO) Nanowires: Effect on Dye Adsorption Nur Fairuz binti Mohd Rostan (Universiti Teknologi MARA)
11.00–11.15 am	MAT04	Synthesisation and Characterisation of Crystalline Cupric Oxide (CuO) Films via Hydrothermal Method Zahidah Bte Othman (Universiti Teknologi MARA)
11.15–11.30 am	MAT05	The Effect of Different Precursor Concentration on the Structural and Optical Properties of ZnO Nanowires Nurul Zulaikha Binti Mohammad Zamri (Universiti Teknologi MARA)

11.30–11.45 am	MAT06	The Influence of Seed Layer Thickness on The Synthesis of ZnO Nanostructures for Piezoelectric Nanogenerator Applications Nurfatini Atiqrah Binti Khairul Azhar (Universiti Teknologi MARA)
11.45–12.00 pm	MAT07	Controllable Growth of Zinc Oxide Nanowires Synthesized by Hybrid Microwave-Assisted Sonochemical Technique Maryam Binti Mohammad (Universiti Teknologi MARA)
12.00–12.15 pm	MAT08	Green Diesel Production based Palm Fatty Acid Distillate over Ni Doped MOF-Derived Porous Support Materials Chang He (Universiti Putra Malaysia)
12.15–12.30 pm	MAT42	Synthesis and Characterization of Selective Electrochemical Sensor Based on Molecularly Imprinted Technique for the Detection of Picolinic Acid Assoc. Prof. Dr. Faizatul Shimal Binti Mehamod (Universiti Malaysia Terengganu)

ROOM: DIAMOND CHAIRPERSON: DR FAHMI ASYADI MD YUSOF (UniKL) TIMEKEEPER: IZZATI SHAFIQAH ZAINAL ABIDIN		
TIME	CODE	TITLE
10.30–10.45 am	ENV01	Preparation and Computational Study of Iron Oxide Based Catalyst in Oxidative Desulfurization Maryam Solehah Zulkefli (Universiti Sains Malaysia)
10.45–11.00 am	ENV55	Influence of Acid-Washing Treatment on the Adsorption Efficiency of Malaysian Fly Ash for Congo Red Dye Removal: A Comparative Study Ashraff Aziz Marhoon (Universiti Kebangsaan Malaysia)
11.00–11.15 am	ENV06	Synthesis and Evaluation of Hybrid Photosensitive Dopant (ZnO) Added ZIF-67 Photocatalyst for Remazol Brilliant Blue R (RBBR) Dye Degradation under Visible Light Irradiation Nor Aimie Aida Binti Che Nordin (Universiti Putra Malaysia)

11.15–11.30 am	ENV07	Concentration of Octylphenol and Nonylphenol in The Marine Sediment of Peninsular Malaysia Dr. Nurulnadia Mohd Yusoff (Universiti Malaysia Terengganu)
11.30–11.45 am	ENV09	Enhanced Fluorine-doped Tin Oxide Immobilized on Polyurethane Foam for Crude Glycerol Photodegradation to Ethyl Acetate Sadina Shazwani Bt Mastika (Universiti Islam Antarabangsa Malaysia)
11.45–12.00 pm	ENV11	The Growth Performance and Survival of <i>Avicennia alba</i> in High CO₂ Concentration Nabilah Binti Mawi (Universiti Teknologi MARA)
12.00–12.15 pm	ENV13	Enhanced Carbon Dioxide Adsorption Performance of Sulfonated Zr-Terephthalate Metal-Organic Framework with Mixed Ligand Strategy Siva Rubini Devi A/P Raveendran (Universiti Kebangsaan Malaysia)
12.15–12.30 pm	ENV48	Spatial Variation Analysis of Groundwater Quality for Irrigation Purposes using Saturation Indices Afiatul Mar'iyah Zainudin (Universiti Putra Malaysia)

ROOM: RUBY CHAIRPERSON: DR MARDIANA SAAID (USM) TIMEKEEPER: MUHAMMAD ALIF SAMION		
TIME	CODE	TITLE
10.30–10.45 am	ANA04	A Simple Liquid-Liquid Extraction Method for The Determination of Glyphosate and Its Metabolite in Oil Palm Matrices Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) Detection Norizah Halim (Malaysia Palm Oil Board)
10.45–11.00 am	ANA05	Electrochemical Synthesis and Inhibitory Effect of Copper(II)-Ciprofloxacin/Decanoic Acid Complex Hanisah Binti Abdul Rahim (Universiti Sains Malaysia)
11.00–11.15 am	ANA06	Study of Physical Properties and Gas Emission of Biodiesel-Diesel Blend with Methyl Levulinate as Fuel Additive Muhammad Alif bin Samion (Universiti Teknologi MARA)

11.15–11.30 am	ANA07	Deep Eutectic Solvent Modified Magnetic β-Cyclodextrin as Magnetic Solid Phase Extraction Adsorbent for Preconcentration of Trace Macrolide Antibiotics from Chicken Meat Muhammad Ariffuddin Abd Hamid (Universiti Sains Malaysia)
11.30–11.45 am	ANA08	Method Development and Optimization Parameter of Green Micro Solid Phase Extraction Based on Silica Extracted from Oil Palm Frond Encapsulated in Alginate Matrix for Determination of Organochlorine Pesticides Azreen Asyikin Mhd Kamal (Universiti Teknologi MARA)
11.45–12.00 pm	ANA09	Development of Adsorbents Based Deep Eutectic Solvents Extraction and Removal Studies in Analytical Chemistry Nurina Izzah Binti Mohd Husani (Universiti Sains Malaysia)
12.00–12.15 pm	ANA10	Voltammetric Study for Analytical Screening of Fluoroquinolones Antibiotic at Macroscopic and Miniaturized Aqueous - Trifluorotoluene Interface Dyia Syaleyana binti Md Shukri (Universiti Sains Malaysia)
12.15–12.30 pm	ANA12	Replacing Chicken Fat with Broccoli (<i>Brassica oleracea</i>) as a Strategy for the Production of Healthier Chicken Patties Faridah binti Mohd Razali (Universiti Putra Malaysia)

ROOM: EMERALD CHAIRPERSON: ChM DR MAZLIN MOHIDEEN (UniKL) TIMEKEEPER: MUHAMAD AZWAN MUHAMAD HAMALI		
TIME	CODE	TITLE
10.30–10.45 am	SYN02	Transesterification of the Low-Grade Palm Cooking Oil to Biodiesel using Spent Bleaching Clay Catalysts Thivya a/p Keasavan (Universiti Sains Malaysia)
10.45–11.00 am	SYN03	Synthesis, Characterization, DFT and Anticancer Screening of Isatin Derived Complexes Ummi Liyana binti Mohamad Rodzi (Universiti Teknologi MARA)

11.00–11.15 am	SYN05	Catalytic Reaction Study of Levulinic Acid Esterification to Ethyl Levulinate Using Modified Lignin-Based Carbon Catalyst Abdull Hafidz Bin Hassan (Universiti Teknologi MARA)
11.15–11.30 am	SYN06	Antiviral Study of Schiff Base Vanillin Derivatives against NS2B-NS3 Protease of Zika Virus Based on Pharmacophore Modelling and Molecular Docking Law Woon Yi (Universiti Malaysia Sarawak)
11.30–11.45 am	SYN07	New Organotin(IV) Alkylbenzylthiocarbamates complexes: Synthesis, Characterization, and Cytotoxic Activity in A549 Cell Lines Nurul Amalina binti Abd Aziz (Universiti Kebangsaan Malaysia)
11.45–12.00 pm	SYN11	Effect of Mixing Time on The Physicochemical Properties of Buffalo Patties with Olive Oil as Fat Replacer Asyrul Izhar Bin Abu Bakar (Universiti Putra Malaysia)
12.00–12.15 pm	SYN12	Physicochemical Study on Alkoxylated Azo-Imine Chitosan-Based Biopolymer for Electrolyte Application Tuan Siti Fatimah Binti Tuan Mohd Pauzi (Universiti Malaysia Perlis)
12.15–12.30 pm	SYN20	Synthesis, Characterisation and Structural Studies of Mixed-Linker Zeolitic Imidazolate Frameworks (ZIFs) as Adsorbents for Crystal Violet Dye Dr. Mohamed Ibrahim Bin Mohamed Tahir (Universiti Putra Malaysia)

Detailed Schedule – Oral Presentation

DAY 1: 28 AUGUST 2023 (MONDAY)

KEYNOTE LECTURE

ROOM: BALLROOM		
TIME	CODE	Title
02.15–02.45 pm	KEYNOTE02	The Development and Application of Sustainable Hindered Ether Solvents for Chemical and Materials Synthesis Dr. Andrew John Hunt (Khon Kaen University, Thailand)

PARALLEL SESSION 2

02.50 – 04.00 pm

ROOM: BALLROOM CHAIRPERSON: DR WAN ZURINA SAMAD (UIAM) TIMEKEEPER: NUR ALYA KAMAL		
TIME	CODE	TITLE
02.50–03.15 pm	INV01	Comprehensive Analysis of Dynamic Mechanical Properties in NR/BR/SSBR Blends Reinforced with CB/Silica Fillers Assoc. Prof. Ir. Dr. Nadras Othman (Universiti Sains Malaysia)
03.15–03.30 pm	MAT09	Chitosan-Cellulose Aerogel Film for Methylene Blue Adsorption Dr. Nadhratun Naiim Mobarak (Universiti Kebangsaan Malaysia)
03.30–03.45 pm	MAT14	Exploring the Effect of Bromo- and Iodo-halide in Two-dimensional Hybrid Perovskites $C_6H_{10}N_2PbX_4$ (X=Br and I) Materials Prof. Dr. Ab Malik Marwan Bin Ali (Universiti Teknologi MARA)

03.45–04.00 pm	MAT40	Synthesis and Structural Characterization of g-C₃N₄/AgI Nanocomposite Photocatalyst and Its Reactivity towards Methylene Blue Degradation under Visible Light Rozaina Binti Saleh (Universiti Teknologi MARA)
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ROOM: DIAMOND
CHAIRPERSON: DR NURUL NADIAH MOHD FIRDAUS HUM (UiTM)
TIMEKEEPER: NABILAH MAWI

TIME	CODE	TITLE
02.50–03.15 pm	INV02	Occurrence, Distribution and Characteristics of Microplastics in Gastrointestinal Tract and Gills of Commercial Marine Fish from Malaysia Prof. Dr. Azwani Lazim (Universiti Kebangsaan Malaysia)
03.15–03.30 pm	ENV17	Determination of Fluoride (F⁻) In Gravity Feed System Water Supply in Sungai Mas Village, Sungai Lembing, Pahang Dr. Shaharuddin bin Mohd Sham (Universiti Putra Malaysia)
03.30–03.45 pm	ENV18	Highly Efficient Degradation of Organic Pollutant Using Peroxymonosulfate Activated with Nitrogen-Doped Biochar Dr. Oh Wen Da (Universiti Sains Malaysia)
03.45–04.00 pm	ENV19	Optimizing the Methylene Blue Dye Removal Efficiency using Titanium Dioxide/ Graphene Oxide Quantum Dot (TiO₂/GOQD) Photocatalyst via Response Surface Methodology Dr. Fahmi Asyadi Md Yusof (Universiti Kuala Lumpur)

ROOM: RUBY
CHAIRPERSON: ASSOC. PROF. DR. SUHAILA MOHAMMAD HANAPI (UITM)
TIMEKEEPER:

TIME	CODE	TITLE
02.50–03.15 pm	INV03	Trends In Solid Phase Extraction Techniques for Analytical Quantification of Antibiotics Assoc. Prof. ChM Ts. Dr. Noor Fatimah Yahaya (Universiti Sains Malaysia)

03.15–03.30 pm	ANA13	The Development of pH Indicator Film to Observe Shellfish Freshness Using Butterfly Pea Flower (<i>Clitoria ternatea L.</i>) Extract Immobilized on the Quinoa Starch Solid Matrix Film Nur Nabilah Hasanah Binti Abdul Salam (Universiti Putra Malaysia)
03.30–03.45 pm	ANA24	Application of Fruit Polysaccharides as An Anti-Oxidative Material Nur Qistina Binti Abdul Razak (Universiti Sains Malaysia)
03.45–04.00 pm	ANA27	Evaluation of Physicochemical Profile, Multi Elemental Composition and Antioxidant Property of <i>Heterotrigona itama</i> From Northern Region in Malaysia Dr. Mardiana Saaid (Universiti Sains Malaysia)

ROOM: EMERALD CHAIRPERSON: DR MOHAMAD IBRAHIM TAHIR (UPM) TIMEKEEPER: UMMI LIYANA MOHAMAD RODZI		
CODE	NAME	TITLE
02.50–03.15 pm	INV04	Thiourea Derivatives as Potential Epidermal Growth Factor Receptor-Tyrosine Kinase (EGFR-TK) Inhibitors: Design, <i>In Silico</i> Prediction and Cytotoxic Study Assoc. Prof Dr. Nurziana binti Ngah (Universiti Islam Antarabangsa Malaysia)
03.15–03.30 pm	SYN13	Green Synthesis, Structural Elucidation and DNA Binding Studies of Mono- And Dinuclear Ni(II) and Pd(II) Complexes Derived From 1,3-Diaminopropane Siti Solihah Binti Khaidir (Universiti Teknologi MARA)
03.30–03.45 pm	SYN18	Synthesis and Characterization of Palladium(II) Schiff Base Complexes and Their Catalytic Activity for Stille Reaction Nur Nabihah binti Muzammil (Universiti Teknologi MARA)
03.45–04.00 pm	SYN27	Synthesis, Theoretical Analysis and Cytotoxicity Activities of Cu(II) Complexes Derived From 2-Aminomethylbenzimidazoles Schiff Base Muhamad Azwan Bin Muhamad Hamali (Universiti Teknologi MARA)

Detailed Schedule – Oral Presentation

DAY 2: 29 AUGUST 2023 (TUESDAY)**KEYNOTE LECTURE**

ROOM: BALLROOM		
TIME	CODE	Title
09.00–09.30 am	KEYNOTE03	Romancing the Reticular Materials for Nanodelivery of Active Molecules in Biomedical and Agrichemical Applications Prof. ChM Dr. Mohd Basyaruddin Abdul Rahman (Universiti Putra Malaysia, Malaysia)
09.30–10.00 am	KEYNOTE04	Demystifying Data Analytics Using Chemometric Techniques: Empower Yourself for Chemicals Data Interpretation Professor Dr. Hafizan Juahir (Universiti Sultan Zainal Abidin, Malaysia)

PARALLEL SESSION 3**10.30 am – 12.45 pm**

ROOM: BALLROOM		
CHAIRPERSON: ASSOC. PROF. DR. FARAH WAHIDA HARUN (USIM)		
TIME KEEPER: AWATIF HASSIM		
TIME	CODE	TITLE
10.30–10.45 am	MAT15	Formulation of Water-in-Palm Oil Nanoemulsion Containing Catechins Nabilah Binti Hauzin (Universiti Teknologi MARA)
10.45–11.00 am	MAT16	Assessing The Adsorption Efficiency of New Magnetic Nanoparticles in Hydrophobic Deep Eutectic Solvents for Diclofenac Nor Munira Binti Hashim (Universiti Sains Malaysia)
11.00–11.15 am	MAT17	Binary Metal-Doped Zirconia in Catalytic Advancement of Carboxylic Acid Ketonization Dr. Haslinda binti Mohd Sidek (Universiti Malaysia Sabah)

11.15–11.30 am	MAT18	Synthesis of Pristine Al₂O₃ Powder via Self-propagating Combustion Method with Various Fuel Sources Missha Balqis Binti Shariamin (Universiti Teknologi MARA)
11.30–11.45 am	MAT19	Physicochemical Characterization of ZnO/g-C₃N₄ for Photo-Removal of Methyl Orange Under Low Intensity UV Light Nurul Izzati Binti Izhar (Universiti Teknologi MARA)
11.45–12.00 pm	MAT43	Adsorption of Carbon Dioxide on Selective Metal Organic Framework (MUF-16) – A Grand Canonical Monte Carlo Approach Ahmad Faisal Fadzil (Universiti Putra Malaysia)
12.00–12.15 pm	MAT21	Sonochemical Synthesis of Hierarchical Zinc Oxide Nanorod Arrays for Optimisation and Scale up Applications Dr. Mohd Firdaus Malek (Universiti Teknologi MARA)
12.15–12.30 pm	MAT22	Effect of Precursor Concentration on The Structural and Optical Properties of α-Fe₂O₃ Thin Films Synthesised by the Sol-Gel Spin-Coating Technique Muhamad Faizal Abd Halim (Universiti Teknologi MARA)

ROOM: DIAMOND CHAIRPERSON: DR ZITTY SARAH ISMAIL (UiTM) TIMEKEEPER: SALMA IZATI SINAR MASHURI		
TIME	CODE	TITLE
10.30–10.45 am	ENV25	Optimisation of Liquid-Liquid Extraction for The Extraction of Acetaminophen and Carbamazepine Siti Sabrina Kasri (Universiti Teknologi MARA)
10.45–11.00 am	ENV27	Rainwater Harvesting System and the Microbiological Quality of Harvested Rainwater in Oil Palm Plantation: A Case Study in Beluran, Sabah Nurul Najwa Binti Abd Malek (Universiti Teknologi MARA)
11.00–11.15 am	ENV29	Stabilization of Peat Soil Using Magnesium Oxide Lily Suhaila Binti Yacob (Universiti Kuala Lumpur)

11.15–11.30 am	ENV30	Seeking the Potential Role of Hydrogen Transportation in Indonesia: Sustainability-Oriented Innovation Approach Prof. Pranoto (Sebelas Maret University)
11.30–11.45 am	ENV38	Heavy Metals Level in Torpedo Scad (<i>Megalaspis cordyla</i>) Landed from Pahang Waters, Malaysia Assoc. Prof. Dr. Ts. ChM. Ong Meng Chuan (Universiti Malaysia Terengganu)
11.45–12.00 pm	ENV41	Development and Photocatalytic Performance of Visible Light Active AgI/Ag/ZnO Photocatalyst for Degradation of Naphthalene Izzati Shafiqah binti Zainal Abidin (Universiti Teknologi MARA)
12.00–12.15 pm	ENV53	Evaluation of Heavy Metal Concentration in The Muscle of Raw and Cooked Indian Mackerel (<i>Rastrelliger kanagurta</i>) Along Selangor Waters Jemimah Shalom B Peragas (Universiti of Malaysia Terengganu)
12.15–12.30 pm	ENV58	Optimization and Mechanistic Insight of Phenol Removal in an Aqueous Medium using An Effective Green Waste <i>Borassus Flabellifer</i> Fruit Husk Biochar Assoc. Prof. ChM. Dr. Mohammad Norazmi Ahmad, MRSC (Universiti Islam Antarabangsa Malaysia)

ROOM: RUBY CHAIRPERSON: ChM. DR NURSYAMSYILA MAT HADZIR (UiTM) TIMEKEEPER: MOHD HAFIZ MD ALI		
TIME	CODE	TITLE
10.30–10.45 am	ANA01	Development of Micelle to Cyclodextrin Stacking On-Line Preconcentration Method for The Micellar Electrokinetic Chromatography of Pesticides in Wheat Flour Dr. Aemi Syazwani Binti Abdul Keyon (Universiti Teknologi Malaysia)
10.45–11.00 am	ANA14	Screening of Protein Profile of Surimi Contaminated with Chicken Plasma Protein (CPP) using SDS-PAGE Nurkhurul Ain binti Zakaria (Universiti Teknologi MARA)

11.00–11.15 am	ANA15	Multiple Reaction Monitoring of Porcine-Specific Peptide Markers from Lactate Dehydrogenase and Serum Albumin in Processed Meat for Halal Authentication Dr. Siti Aimi Sarah Zainal Abidin (Universiti Teknologi MARA)
11.15–11.30 am	ANA19	Green Deep Eutectic Solvent Modified Magnetic Graphene Oxide as Sorbent in Magnetic Solid Phase Extraction for the Extraction and Preconcentration of Organochlorine Pesticides from Environmental Matrices Aduloju Emmanuel Ibukun (Universiti Sains Malaysia)
11.30–11.45 am	ANA22	Modeling Effect of Aromatic Receptor In 3-Methyl-(2-Hydroxy-5-Nitrophenylamino)-3-Phenylpropionate: Interactions Geometry of CN, F Dan Cl Anions Assoc. Prof. Dr. Fajar Rakhman Wibowo (Sebelas Maret University)
11.45–12.00 pm	ANA23	In-House Validation of the BS EN 16995:2017 Method for Determination of Mineral Oil Saturated Hydrocarbons (MOSH) in Crude Palm Oil (CPO) using On-Line HPLC-GC-FID Dr. Maznah Zainol (Malaysian Palm Oil Board)
12.00–12.15 pm	ANA28	RP-HPLC Quantitative Analysis of L-Arginine in Freeze Dried Red Dragon Fruits (<i>Hylocereus polyrhizus</i>) Assoc. Prof. Dr. Wan Mazlina Md Saad (Universiti Teknologi MARA)
12.15–12.30 pm	ANA37	Enriched Silica from Oil Palm Biomass for Magnetic Solid Phase Extraction of Organochlorine Pesticides: Characterization and Method Development ChM Ts. Dr. Wan Nazihah Binti Wan Ibrahim (Universiti Teknologi MARA)

ROOM: EMERALD		
CHAIRPERSON: ChM DR SITI SYAIDA SIRAT (UiTM)		
TIMEKEEPER: SITI SOLIHAH KHAIDIR		
TIME	CODE	TITLE
10.30–10.45 am	SYN21	Synthesis, and Characterization of Reusable PVA-Alginate-Nickel(II) Catalyst in Heck Reaction Norul Azilah Abdul Rahman (Universiti Teknologi MARA)

10.45–11.00 am	SYN23	Novel N2-Bis-β-Carboline Bromides as Potential Antitumor Agents ChM Dr. Mazlin Mohideen (Universiti Kuala Lumpur)
11.00–11.15 am	SYN24	Antioxidant Studies of Water-Soluble 8-Hydroxyquinoline Based Chitosan Prepared Through Graft Copolymerization Nur Yusra Farzana Binti Awang (Universiti Sains Malaysia)
11.15–11.30 am	SYN26	Virgin Coconut Oil-Based Emulsion and Its Benefits: A Review Muhammad Afif Syazani Bin Rozani (Universiti Teknologi MARA)
11.30–11.45 am	SYN14	Green Synthesis of ZnO-NPs and Silver Doped ZnO-NPs using <i>Mariposa christia vespertilionis</i> Leaves Extract and Its Potential in Photodegradation of Endosulfan Assoc. Prof. Dr. Hanis Mohd Yusoff (Universiti Malaysia Terengganu)
11.45–12.00 pm	ANA29	Fabrication and Characterisation of Graphitic Carbon Nitride-modified Screen Printed Carbon Electrode for Aptasensor Development Salis Sajidah Binti Othman (Universiti Kebangsaan Malaysia)
12.00–12.15 pm	ANA33	Modified Chrysin-based Biosorbent for The Extraction of Two Selected Phenolic Acids from Stingless Bee Honey Ng Nyuk Ting (Universiti Teknologi Malaysia)
12.15–12.30 pm	ANA34	Unveiling Fake Malaysian Fifty Ringgit Banknotes: A Powerful Combination of Infrared Spectroscopy and Chemometric Techniques Dr. Hasmerya Maarof (Universiti Teknologi Malaysia)

Detailed Schedule – Oral Presentation

DAY 2: 29 AUGUST 2023 (TUESDAY)

KEYNOTE LECTURE

ROOM: BALLROOM		
TIME	CODE	Title
02.15–02.45 pm	KEYNOTE05	Discovering the Phytochemical, Bioactivity and SAR of the <i>Macaranga</i> species (Eupobiaceae) Prof. Dr. Norizan Ahmat (Universiti Teknologi MARA, Malaysia)

PARALLEL SESSION 4

02.50 – 04.15 pm

ROOM: BALLROOM		
CHAIRPERSON: ChM DR. HAIRUL AMANI ABDUL HAMID (UiTM)		
TIMEKEEPER: MISSHA BALQIS SHARIAMIN		
CODE	NAME	
02.50–03.15 pm	INV05	Alkaline Earth Metals Modified Nickel Nanoparticles Supported on Exfoliated Graphitic Carbon Nitride for Atmospheric CO₂ Methanation Assoc. Prof. Ts. Dr. Wan Nor Roslam bin Wan Isahak (Universiti Kebangsaan Malaysia)
03.15–03.30 pm	MAT20	Ionic Transport and Structural Insights of Polymer Electrolyte based on Agarose Integrated with Sodium Nitrate Dr. Siti Zafirah Binti Zainal Abidin (Universiti Teknologi MARA)
03.30–03.45 pm	MAT23	Potential Green Liquid from Deep Eutectic Solvent Composed of Gallic Acid and Urea: Characterization of Their Structural and Physicochemical Properties Nuraqilah binti Mohd Hatta (Universiti Kuala Lumpur)
03.45–04.00 pm	MAT24	Synthesis of Carrageenan-Based Biocomposite Plasticized with Deep Eutectic Solvent and The Mechanical Properties Characterization Nur Amalina Binti Ramli (Universiti Malaysia Pahang)

04.00–04.15 pm	MAT25	The Influence of <i>Pandanus amaryllifolius</i> Leaves Extract Concentrations as a Stabilizer Towards Microstructural Properties of ZnO Nanorods Rabiatuladawiyah Binti Md Akhir (Universiti Teknologi MARA)
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ROOM: DIAMOND CHAIRPERSON: DR. NURULNADIA MOHD YUSOFF (UMT) TIMEKEEPER: NUR NABIHAH MUZAMMIL		
TIME	CODE	TITLE
02.50–03.15 pm	INV06	Multifunctional Biocomposite of Chitosan Grafted Benzaldehyde/ Montmorillonite/Algae for Effective Removal of Brilliant Green and Reactive Blue 19 Dyes Assoc. Prof. Dr. Ali H. Jawad (Universiti Teknologi MARA)
03.15–03.30 pm	ENV31	Crosslinking and Grafting Modification on Cellulose Using Bisphenol A Diglycidyl Ether (Badge) and Chloroacetic for The Adsorption of Methylene Blue Dr. Abu Masykur (Sebelas Maret University)
03.30–03.45 pm	ENV35	Cyclic Voltammetry Analysis of Palm Oil Mill Effluent, POME Degradation at 25°C and 90°C with Catalyst Ferric Chloride, FeCl₃ Mohd Hafiz Bin Md Ali (Universiti Teknologi MARA)
03.45–04.00 pm	ENV46	Determination of Heavy Metals Content in Yellowtail Scad Fish (<i>Atule mate</i>) from Eastern Johor Waters, Malaysia Rabiu Mahmoud Musa (Universiti of Malaysia Terengganu)
04.00–04.15 pm	ENV14	Physicochemical and Thermochemical Study of Matured Coconut Shell for Renewable Energy Production Dr. Zalizawati Abdullah (Universiti Teknologi MARA)

ROOM: RUBY CHAIRPERSON: DR. SYAHIDAH AKMAL MUHAMMAD (USM) TIMEKEEPER: BALQIS AUNI BADRUL HISYAM		
TIME	CODE	TITLE
02.50–03.15 pm	INV07	Microwave/KOH Activation of Rubber Seed Shell for Sorption of Malachite Green from Aqueous System Assoc. Prof. Dr. Yong Soon Kong (Universiti Teknologi MARA)
03.15–03.30 pm	ENV36	Isolation and Cultivation of Sulphate-Reducing Bacteria from Acid Sulphate Soil Nur Azfadilaana Binti Ag Hazman (Universiti Kuala Lumpur)
03.30–03.45 pm	ENV28	Indoor Air Quality and Sick Building Syndrome in Selected Public Buildings in Shah Alam, Selangor Nurul Najwa Binti Abd Malek (Universiti Teknologi MARA)
03.45–04.00 pm	ENV40	Photodegradation of Ofloxacin Assisted by ZnO/CdS Photocatalyst Salma Izati Sinar Mashuri (Universiti Teknologi MARA)
04.00–04.15 pm	ENV42	Preparation and Characterization WO₃/g-C₃N₄ Composite for Photodegradation of 4-Hydroxybenzoquinone Under Low UV-Light Intensity Nik Fatin Nabihah Atiqah Binti Nik Ramli (Universiti Teknologi MARA)

ROOM: EMERALD CHAIRPERSON: DR. SITI AIMI SARAH ZAINAL ABIDIN (UiTM) TIMEKEEPER: AZREEN ASYIKIN MHD KAMAL		
CODE	NAME	TITLE
02.50–03.15 pm	INV08	The Preparation of Pretreated Biochar using <i>Jacaranda</i> Fruits (Acid-modified) for Chromium Ions Removal from Aqueous Solutions Prof. Imad (Moh'D Khair) Rashid Hamadneh (University of Jordan)
03.15–03.30 pm	ANA30	Pharmaceutical Active Compounds in Wild Fishes; A Review of Analytical Approaches for Their Detection Yakubu Ibrahim (Universiti Malaysia Terengganu)

03.30–03.45 pm	ANA31	Development of Deep Eutectic Solvent Based Ferrofluid for The Determination of Ofloxacin Dr. Mazidatulakmam binti Miskam (Universiti Sains Malaysia)
03.45–04.00 pm	MAT34	The Significance of Concentration to 3:1 Ratio of Mg²⁺/Al³⁺-NO₃⁻ Layered Double Hydroxide Properties Mohamad Nor Amirul Azhar Kamis (Universiti Teknologi MARA)
04.00–04.15 pm	MAT55	Catalytic Performance of Sulfated Tin Catalysts in Glycerol Acetylation into Acetins Assoc. Prof. Dr. Irmawati Binti Ramli (Universiti Putra Malaysia)

Detailed Schedule – Oral Presentation

DAY 3: 30 AUGUST 2023 (WEDNESDAY)

PARALLEL SESSION 5

08.30 – 10.00 am

ROOM: BALLROOM CHAIRPERSON: PROF. DR. AB MALIK MARWAN ALI (UiTM) TIMEKEEPER: NUR FAIRUZ MOHD ROSTAN		
TIME	CODE	TITLE
08.30–08.45 am	MAT28	CaO/Dendritic Fibrous Nanosilica for CO₂ Capture: Optimizing Properties via Tailored Loading Methods Dr. Teh Lee Peng (Universiti Kebangsaan Malaysia)
08.45–09.00 am	MAT29	Modelling and Synthesis of Stimuli-Responsive Delivery System for Pesticides using Cyclodextrin Metal-Organic Framework Tuan Nurul Azura Binti Tuan Kob @ Yaakub (Universiti Putra Malaysia)
09.00–09.15 am	MAT30	<i>In Silico</i> Characterization of Stimuli-Responsive Drug Delivery using Metal-Organic Framework Dr. Muhammad Alif bin Mohammad Latif (Universiti Putra Malaysia)
09.15–09.30 am	MAT31	Mechanistic of TiO₂EFBA Nanomaterial in the Photo-esterification of Waste Cooking Oil Siti Fadhilah Binti Ibrahim (Universiti Teknologi MARA)

ROOM: RUBY CHAIRPERSON: DR MOHD FIRDAUS MALEK (UiTM) TIMEKEEPER: NURUL INFAZA TALALAH RAMLI		
TIME	CODE	TITLE
08.30–08.45 am	MAT36	Synthesis and Physiochemical Properties of MgAl/NiAl/ZnAl LDH Catalyst via Alkali-free Co-Precipitation Method Nur Alyaa Binti Kamal (Universiti Teknologi MARA)

08.45–09.00 am	MAT51	Effect of Plasticizer/Cross-Linking Agent on The Pineapple Peel Hemicellulose Based Film Properties Assoc. Prof. Dr. Sabiha Hanim Saleh (Universiti Teknologi MARA)
09.00–09.15 am	MAT37	Carrageenan-PLA Bioplastic Properties by Varying Polyethylene Glycol Concentrations Nur Anis Alisya Binti Kamarol Zani (Universiti Malaysia Pahang)
09.15–09.30 am	MAT56	Incorporation of Iron and Graphitic Carbon Nitride into Mesoporous Titania Nanoparticles for Photodegradation of Dibenzothiophene Dr. Siti Munirah binti Sidik (Universiti Pendidikan Sultan Idris)

ROOM: EMERALD CHAIRPERSON: ASSOC. PROF. DR. SITI NORASMAH SURIP (UITM) TIMEKEEPER: MUHAMMAD AFIF SYAZANI ROZANI		
TIME	CODE	TITLE
08.30–08.45 am	MAT26	The Conversion of Cellulose to Glucose Using Noble Metal Platinum Supported on Zeolite Puteri Nurain Syahirah Binti Megat Muhammad Kamal (Universiti Kuala Lumpur)
08.45–09.00 am	MAT39	Elucidation of Flavonoids from Butterfly Pea (<i>Clitoria ternatea</i>) Flower and Their Inhibitive Effect for Corrosion Under CO₂ In Low-Carbon Steel Assoc. Prof. Dr. Mohd Hazwan Bin Hussin (Universiti Sains Malaysia)
09.00–09.15 am	MAT41	Novel Chain Extended Palm-Based Polyurethane for Solid Polymer Electrolyte Applications Dr. Nurul Ilham Adam (Universiti Teknologi MARA)
09.15–09.30 am	MAT48	Production of Green Diesel from Palm Oil Refinery Byproducts Over Nickel and Cobalt Supported on Mesoporous SBA-15 Catalysts Assoc. Prof. Ts. ChM Dr Darfizzi Derawi (Universiti Kebangsaan Malaysia)

Detailed Schedule – Poster Presentation

DAY 1: 28 AUGUST 2023 (MONDAY)

POSTER SESSION 1

CODE	TITLE
SYN04P	Synthesis and Cytotoxicity Assessment of Dibutyltin(IV) Dithiocarbamate Compounds on Human Lung Carcinoma Cell Line (A549) Assoc. Prof. Dr. Normah Awang (Universiti Kebangsaan Malaysia)
SYN09P	Catalytic Activities of Symmetrical Tetradentate Pd(II), Ni(II) and La(III) Schiff Base Complexes Nur Husnina Binti Nasaruddin (Universiti Teknologi MARA)
SYN10P	The Combined Effect of Ultrasound Treatment and Papain on the Quality Properties of Beef Nur Aqilah binti Ismail (Universiti Putra Malaysia)
SYN15P	Theoretical Investigation on The Inclusion of Betulinic Acid Into CD-MOF-1 Performed by QM Calculations, and Molecular Docking Saurelle Kenfack Tiofack (Universiti Putra Malaysia)
SYN17P	Inhibition Effects of Tridentate Hydrazone Ligands as Corrosion Inhibitors on Mild Steel in CO₂ Balqis Auni Binti Badrul Hisyam (Universiti Teknologi MARA)
SYN19P	Preparation and Characterization of Starch from Sweet Potato (<i>Ipomoea Batatas L</i>) Modified Octenyl Succinic Anhydride (OSA) Professor Triana Kusumaningsih (Sebelas Maret University)
SYN22P	Synthesis, Characterization and Corrosion Inhibitory Study of Butyltin(IV) Dithiocarbamate in 1M HCl: Weight Loss, Langmuir Isotherm, and Surface Analysis Dr. Nur Nadia Dzulkifli (Universiti Teknologi MARA)
SYN25P	Antidiabetic Potential of Pandan (<i>Pandanus amaryllifolius</i>) Root Extracts Yuswanie binti Md Yusof (Universiti Teknologi MARA)
SYN28P	β-Keratin Extraction from Poultry Feather Waste using Sodium Metabisulfite and Sodium Dodecyl Sulfate Dr. Soerya Dewi Marliyana (Sebelas Maret University)

SYN29P	Synthesis, Characterization and Catalytic Activity of Copper(II) Complexes Containing Schiff Base Ligands Dr. Mohamad Shazwan Shah Jamil (Universiti Teknologi Malaysia)
SYN30P	Unveiling the Synthetic Approach towards Daibucarboline A and Its Derivatives via Tetrahydro-β-Carbolines as Building Blocks for Anti-Inflammatory Potential Dr. Noor Hidayah Binti Pungot (Universiti Teknologi MARA)
MAT10P	Maximizing Biodiesel Production from Waste Cooking Oil with KOH Supported on Bentonite Catalyst Using Response Surface Methodology Assoc. Prof. Dr. Noraini Hamzah (Universiti Teknologi MARA)
MAT11P	The Photocatalytic Degradation of Methylene Blue Dye over Nickel Supported Fluorine-doped Tin Oxide Photocatalyst Dr. Wan Zurina binti Samad (International Islamic University Malaysia)
MAT13P	Tungsten-Molybdenum Mixed Oxide Supported on CaO from Chicken Bone in Biodiesel Production Assoc. Prof. Dr. Farah Wahida Harun (Universiti Sains Islam Malaysia)
MAT27P	A Facile In-Situ Synthesis and Characterization of Silver-Graphene Oxide (AgGO) Nanocomposite Using Chives as a Reducing and Stabilizing Agent Dr. Nurul Izrini Binti Ikhsan (Universiti Teknologi MARA)
MAT38P	Kinetic Study for Visible Light-Driven Photocatalytic Degradation of Phenol Over TiO₂ and ZnO Catalyst Muhammad Farhan bin Hanafi (Universiti Kuala Lumpur)
MAT46P	Physical Nature and Metal Phase of Zeolite-Supported Metal Catalyst Dr. Khoirina Dwi Nugrahaningtyas (Sebelas Maret University)
MAT47P	A Review on Heavy Metal and Hevea Protein as Metal Binder: Role, Mechanism and Analysis Method Dr. Hairani Tahir (Universiti Teknologi MARA)
MAT49P	Fabrication and Optimization of PEDOT: PSS/PEO Film as a Membrane Separator for Lithium-Ion Battery Recycling Awatif Binti Hassim (Universiti Teknologi MARA)

MAT50P	Conductivity and Morphological Studies of PANI-Based Solid Polymer Electrolytes as Membrane Separators for Lithium-Ion Battery Recycling Nur Najihah Binti Maliaman (Universiti Teknologi MARA)
MAT52P	Insights into the Structural, Morphological, and Optical Properties of V₂O₅ Synthesized by Self-Propagating Combustion Method under Varied Annealing Temperatures Missha Balqis Binti Shariamin (Universiti Teknologi MARA)
MAT53P	A Facile Preparation Method of Colloidal Silver Nanoparticles Using Laser-Assisted Bioreduction as An Antibacterial Agent Retno Duwi Hardini (Sebelas Maret University)
MAT54P	Reinforcement of Epoxy Resin/Polyimide Composites Using Magnetic-Carbon Nanofiber and Titanium Dioxide as Hybrid Filler for Electromagnetic Interference Absorbing Material Dini Deviana Saputri (Sebelas Maret University)
MAT57P	Chlorella Sorokiniana-based Liquid Crystalline Nanostructures Dr. Shah Christirani binti Azhar (Universiti Putra Malaysia)

Detailed Schedule – Poster Presentation

DAY 2: 29 AUGUST 2023 (TUESDAY)

POSTER SESSION 2

CODE	TITLE
ENV05P	Removal of Used Lubricant Oil using Spent Tea Leaves as An Adsorbent Dr. Rosliza Mohd Salim (International Islamic University Malaysia)
ENV08P	Endocrine Disrupting Chemicals in The Sediment of Redang Island During Pre- and Post-Covid 19 Periods Nursyahmi Syahirah Sofia Hasnizam (Universiti Malaysia Terengganu)
ENV10P	Adsorption of Aqueous Methylene Blue from Solution onto Magnetic Graphitic Carbon Nitride ($Fe_3O_4/g-C_3N_4$) Dr. Nurul Izza Taib (Universiti Teknologi MARA)
ENV21P	The Effectiveness of Mudball in Removing Nutrients from Wastewater Dr. Nurul Nadiah Binti Mohd Firdaus Hum (Universiti Teknologi MARA)
ENV24P	Preparation, Characterization and Performance Study of PVDF/Fe Doped TiO_2 on photodegradation of Tetracycline Hazlini Binti Mohmad Ameran (Universiti Putra Malaysia)
ENV32P	Synthesis of $Fe_3O_4@SiO_2$-TMPDT Using Silica from Rice Husk Ash for The Adsorption of Pb(II) Ion Dr. Sri Hastuti (Sebelas Maret University)
ENV34P	The Physicochemical and Microstructural Properties of Buffalo Meat Batter Incorporated with Ultrasound-Treated Coconut Flesh as A Meat Substitute Nur Shahira binti Shaifulamri (Universiti Putra Malaysia)
ENV37P	Enhanced Photocatalytic Removal of Phenol Using Titanium-doped Mesoporous Zinc Catalyst Muhammad Farhan bin Hanafi (Universiti Kuala Lumpur)
ENV39P	Evaluating Noise Exposure Levels in Engineering Laboratory in Public University Dr. Zitty Sarah Ismail (Universiti Teknologi MARA)

ENV43P	Extraction of Flavonoids from Butterfly Blue Pea (<i>Clitoria Ternatea</i>) Flower and Application as Corrosion Inhibitor in CO₂ Environment Siti Shafiqah Binti Azahar (Universiti Sains Malaysia)
ENV45P	Photocatalytic Degradation of Methyl Orange by PES-Ag₃PO₄/Nb₂O₅ Assoc. Prof. Dr. Abdul Halim Abdullah (Universiti Putra Malaysia)
ENV47P	Photocatalytic Evaluation of g-C₃N₄/ZnO Nanocomposites for Organic Pollutant Degradation under Visible Light Irradiation Nor Fadilah Chayed (Universiti Teknologi MARA)
ENV50P	A Study of the Groundwater Hydrochemistry at Linggi Watershed in Negeri Sembilan Wan Nur Sabrina Binti Meor Ahmad Zubairi (Universiti Putra Malaysia)
ENV51P	Investigation of the Health Risk Assessment of Arsenic Contamination in Groundwater at the Linggi Watershed, Negeri Sembilan Siti Hajar Binti Mohd Zan (Universiti Putra Malaysia)
ENV52P	Descriptive Study on Metal Pollution and Water Quality in Tasik Chini Pahang Intan Nurlemsha Binti Baharom (Institut Penyelidikan Perikanan)
ENV57P	Rapid Degradation of High-Concentration Pollutant in the Combined System of Plasma-Enhanced Photocatalysis using Titanium Oxide/Carbon Catalysts Dr. Teguh Endah Saraswati (Sebelas Maret University)
ANA11P	Production of Patties from Different Meat Types with Partial Replacement of Black-Eyed Peas Fu Ming (Universiti Putra Malaysia)
ANA21P	Electrocatalytic Activity of Reduced Graphene Oxide-Silver Nanoparticles (rGO/AgNPs) for Oxygen Reduction Reaction (ORR) in Alkaline Media Atmanto Heru Wibowo (Sebelas Maret University)
ANA25P	Green Dispersive Micro-Solid Phase Extraction for Pre-Concentration and Determination of Nicotine in Tobacco Samples by Gas Chromatography Mass Spectrometry Assoc. Prof. Dr. Nor Suhaila Binti Mohamad Hanapi (Universiti Teknologi MARA)

ANA32P	Phytochemical Production Enhancement in Application of Wood Vinegar on Shoot <i>in vitro</i> Culture of <i>Clinacathus nutans</i> Dr. Saiyidah Nafisah Hashim (Universiti Teknologi MARA)
ANA35P	Treatment of Palm Oil Mill Effluent (POME) using Fenton Oxidation, Electro-Coagulation and Electro-Fenton Process Ir Dr. Siti Wahidah Binti Puasa (Universiti Teknologi MARA)
ANA36P	Pseudoternary Phase Diagram and Water-In-Oil Emulsion Stability of <i>Hylocereus undatus</i> Foliage Dr. Hairul Amani Binti Abdul Hamid (Universiti Teknologi MARA)