

WEDNESDAY 23 NOVEMBER 2022	
ORAL PRESENTATION DAY 1	
2.00 – 2.15 pm	Participants join Zoom (breakout room)
2.15 – 4.15 pm	Parallel Session 1
	Parallel Session 2
	Parallel Session 3
	Parallel Session 4
	Parallel Session 5
4.15 - 4.30 pm	End of Session

THURSDAY 24 NOVEMBER 2022	
ORAL PRESENTATION DAY 2	
8.45 – 9.00 am	Participants join Zoom (breakout room)
9.00 – 11.00 pm	Parallel Session 1
	Parallel Session 2
	Parallel Session 3
	Parallel Session 4
	Parallel Session 5*
11.00 - 11.15 pm	End of Session

**session for extra participant*

WEDNESDAY 23 NOVEMBER 2022

Time	Parallel Session 1	Chair: Dr. Izan Izwan Misnon Host: En. Bryan Andrew Balasan	
	Presentation title	Presenter	Affiliation
2:15 pm – 2:35 pm	Effect Of Different Concentration of Edible Bird Nests on Reduction of Silver Nanoparticles	Nur Fatini Ilyana Binti Mohamat Johari	Universiti Malaysia Pahang
2:35 pm – 2:55 pm	Dielectric Elastomer: The Development Of Sensors	Nur Syafiqah Binti Ismail	Universiti Malaysia Pahang
2:55 pm – 3:15 pm	Cobalt Carbide / Reduced Graphene Oxide Hollow Cubes Composites prepared by Coordination Polymer for High-Performance Supercapacitor	Eslam Atef Abdelaziz Aboelazm	Universiti Teknologi Petronas
3:15 pm – 3:35 pm	Structural Order-Disorder Analysis Of Thermally Activated Water-Washed Kaolin Particles Using Fourier Transform Infrared Spectroscopy	Shahrul Azwan Bin Shakrani	Universiti Malaysia Perlis
3:35 pm – 3:55 pm	Evaluation Of Methanolic Etlingera Coccinea Crude Extract Against Pathogenic Microorganisms	Arora Johney	Universiti Teknologi Mara
3:55 pm – 4:15 pm			
4:15 pm – 4:30 pm	End of Session		

WEDNESDAY 23 NOVEMBER 2022

Time	Parallel Session 2	Chair: Dr. Nurlin Abu Samah Host: : En. Ahmad Faizrin Ahmad Fuzlin	
	Presentation title	Presenter	Affiliation
2:15 pm – 2:35 pm	Performances Study Of Polyvinylidene Fluoride (PVDF)/Waste Eggshell (WES) Mixed-Matrix Membrane For Copper Removal	Sunarti Abd Rahman	Universiti Malaysia Pahang
2:35 pm – 2:55 pm	Enhanced heavy oil recovery by in-situ upgrading using heavy naphtha as a hydrogen-donor solvent under steam injection conditions	Ameer H. Al-Rubaye	Al-Kitab University Iraq
2:55 pm – 3:15 pm	Antioxidants and Antibacterial Properties on Different Tissue of Pink Flower Impatiens wallriana	Sin Phin Yin	Universiti Malaysia Pahang
3:15 pm – 3:35 pm	Effect of Utilizing B20 and B10 in Engine Oil Degradation for Fleet Vehicles Through Engine Oil Sampling Intervals	Daryl Jay Thaddeus	Malaysian Palm Oil Board (MPOB)
3:35 pm – 3:55 pm	The physicochemical characteristics of collagen/poly (vinyl alcohol) hydrogel by different molecular weights and degree of hydrolysis of poly (vinyl alcohol)	Muhammad Saupi Bin Azuri	Universiti Malaysia Pahang
3:55 pm – 4:15 pm			
4:15 pm – 4:30 pm	End of Session		

WEDNESDAY 23 NOVEMBER 2022

Time	Parallel Session 3	Chair: PM Dr. Tan Suat Hian Host: Pn. Nurul Salma Munirah Binti Ruslan	
	Presentation title	Presenter	Affiliation
2:15 pm – 2:35 pm	The Performance Study of Microstrip Patch Antenna Made of Polyurethane – Oil Palm Empty Fruit Bunch Composite	Syarifah Norsuhaila Binti Syed Mahmud	Kolej Matrikulasi Pahang
2:35 pm – 2:55 pm	Analysis of Volatile Compound from Swiftlet Raw Material Using Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry (SPME-GC-MS) and E-Nose Sensor	Nik Fatin Nabilah Binti Muhammad Nordin	Universiti Malaysia Pahang
2:55 pm – 3:15 pm	Watermelon Waste as a Growth Media Substitute for Bacterial Cellulose Production	Muhammad Irhamni Haziqi Nasharudin	Universiti Malaysia Pahang
3:15 pm – 3:35 pm	In vitro appraisal of antibacterial activity of Entada spiralis's leaves extracts against phytopathogenic bacteria Erwinia chrysanthemi and Erwinia carotovora	Khairil Syazwan Bin Salim	Universiti Teknologi Mara
3:35 pm – 3:55 pm	Antagonistic Properties Of Potential Probiotics, Lactiplantibacillus Plantarum And Lacticaseibacillus Paracasei On Pathogenic Bacteria Causing Oral Disease	Ilyanie Hj Yaacob	Universiti Teknologi Mara
3:55 pm – 4:15 pm	A Case Study: Survey On Malaysian Consumer's Perception On Probiotics In Yogurt And Its Benefit Outcome On Human Health	Ida Muryany Md Yasin	UiTM
4.15 pm – 4.30 pm	End of Session		

WEDNESDAY 23 NOVEMBER 2022

Time	Parallel Session 4	Chair: PM Dr. Jaya Vejayan Host: En. Saiful Azahari Bin Sallehuddin	
	Presentation title	Presenter	Affiliation
2:15 pm – 2:35 pm	Effect of different extraction solvents to the chemical profiles of Ziziphus mauritiana leaves extract	Siti Umairah Binti Mokhtar	Universiti Malaysia Pahang
2:35 pm – 2:55 pm	Development Of Risk Assessment Model For Biopower Plant Boiler Using Bayesian Network	Fares Ahmed Alaw	Universiti Malaysia Pahang
2:55 pm – 3:15 pm	Chemical Composition Of Organic Compost Derived From Oil Palm Biomass Waste	Rozelyn Ighesia Binti Raymond	Universiti Malaysia Sabah
3:15 pm – 3:35 pm	Characterization of Fluoroacrylate Palm Oil Polyurethane (FPOPU) at Different Synthesis Method using Fourier-Transform Infra-Red (FTIR)	Mohamad Ismail Bin Mohamad Isa	Universiti Malaysia Pahang
3:35 pm – 3:55 pm	Intensify Biodegradation Process of Polylactic Acid (PLA) Waste Generated from 3D Printing Activities	Muhammad Naqib Hamdan/ Nuradlyna Safyah Mohd Rozi	Universiti Sains Islam Malaysia
3:55 pm – 4:15 pm			
4.15 pm – 4.30 pm	End of Session		

WEDNESDAY 23 NOVEMBER 2022

Time	Parallel Session 5	Chair: PM Dr. Ezrin Hani Sukadarin Host: Pn. Nurul Ainaa Najihah Busra	
	Presentation title	Presenter	Affiliation
2:15 pm – 2:35 pm	Slagging Fouling Prediction of Wood Waste Blending as Co-Firing Fuel for Northern Java Power Plant	Hanafi Prida Putra	PUSPIPTEK, Indonesia
2:35 pm – 2:55 pm	Carbon Dioxide (CO ₂) Capture and Utilization Targeting	Wan Norlinda Roshana Binti Mohd Nawi	Universiti Malaysia Pahang
2:55 pm – 3:15 pm	Confinement Of The Permittivity Enhancing Fillers In Bacterial Cellulose For Dielectric Elastomer Applications	Shamsul Bin Zakaria	Universiti Malaysia Pahang
3:15 pm – 3:35 pm	The Potential of Renewable Energy to Replace Diesel Power Plants in Supporting Energy Transition in Indonesia	Agus Sugiyono	National Research and Innovation Agency, Indonesia
3:35 pm – 3:55 pm	Recommendations On Improvement Of The State Of Anti-Noise Landscaping And The Situation On The Main Streets Of Tashkent City	Alisher Kholikov	Tashkent State Transport University, Uzbekistan
3:55 pm – 4:15 pm	Preliminary Study On The Investigation Of Individual And Organizational Factors With The Use Of Personal Hearing Protectors (PHP) Among Industrial Workers	Nur Syafiqah Binti Fauzan	Universiti Malaysia Pahang
4.15 pm – 4.30 pm	End of Session		

THURSDAY 24 NOVEMBER 2022

Time	Parallel Session 1	Chair: Dr. Norhidayah Abdull Host: En. Mohd Farid Bin Jaafar	
	Presentation title	Presenter	Affiliation
9:00 am – 9:20 am	The One-Piece Eco Muslimah Prayer Gown	Suziyana Mat Dahan	Universiti Malaysia Pahang
9:20 am – 9:40 am	The Effect of Ergonomic Risk Factor on Musculoskeletal Discomfort Among Delivery Workers at Courier Service Industries	Zayyinul Hayati Zen	Universiti Malaysia Pahang
9:40 am – 10:00 am	Characterization of Fungi at Indoor Daycare Centre: A Systematic Review	Siti Khairunnisa Binti Yusof	Universiti Malaysia Pahang
10:00 am – 10:20 am	Safety Culture Among Female Operators in An Electronics Manufacturing Factory in Malaysia	Mohd Shahril Bin Abu Hanifah	Universiti Malaysia Pahang
10:20 am – 10:40 am	Safety Climate, Attitude And Behavior Assessment Among Workers In Manufacturing Industry	Junaidah Zakaria	Universiti Malaysia Pahang
10:40 am – 11:00 am	A Preliminary Study On The Prevalence Of Work-Related Stress Among Houseman Officers In Malaysia	'Atiqah Yusof	Universiti Malaysia Pahang
11.00 am – 11.15 am	End of Session		

THURSDAY 24 NOVEMBER 2022

Time	Parallel Session	Chair: PM Dr. Ahmad Salihin Samsudin Host: En. Abd Latip Bin Hj Dris	
	Presentation title	Presenter	Affiliation
9:00 am – 9:20 am	Fabrication and Characterization of Silica Nanoparticles from Beach Sand	Syukur Daulay	Universitas Indonesia, Depok-West Java, Indonesia
9:20 am – 9:40 am	Improvement on Corrosion and Wear Resistance of Graphene-Based Coatings: A Review	Rihashni Thivagaran	Universiti Malaysia Pahang
9:40 am – 10:00 am	Factors Affecting Stability of Particle Size in Tocotrienol Emulsion Prepared by Spontaneous Emulsification	Nabilah Kamaliah Binti Mustaffa	Malaysian Palm Oil Board (MPOB)
10:00 am – 10:20 am	Electrochemical Study of Fe-impregnated Chicken Bone Biochar on Aqueous Electrolyte	Lee Soon Poh	Universiti Malaysia Pahang
10:20 am – 10:40 am	Preparation and characterization of sodium alginate based composite beads for manganese removal	Hamizah Binti Abdul Samad	Department Of Mineral And Geoscience Malaysia
10:40 am – 11:00 am			
11.00 am – 11.15 am	End of Session		

THURSDAY 24 NOVEMBER 2022

Time	Parallel Session 3	Chair: Dr. Noor Suhana Adzahar Host: Cik Nurfaziatun Dahalan	
	Presentation title	Presenter	Affiliation
9:00 am – 9:20 am	Parameter Optimization of Crude Palm Oil Transesterification Using Response Surface Methodology	Noraini binti Mat Hussin	Universiti Malaysia Pahang
9:20 am – 9:40 am	Synthesis of Magnesium Oxide Nanoparticles for Fabric Coating and Its Antibacterial Activities	Hartina Mohd Yusop	Universiti Malaysia Pahang
9:40 am – 10:00 am	Silica Based Material As A Potential Adsorbent In Reducing Sterol Glucoside Level In Palm Oil Biodiesel	Muhammad Nor Fazli Abd Malek	Universiti Malaysia Pahang
10:00 am – 10:20 am	Removal of heavy metals from petroleum industry wastewater using indigenous microalgae scenedesmus sp.	Primilla Paramasivam	Universiti Malaysia Pahang
10:20 am – 10:40 am	Chemical Composition of Hydrodistillation and Solvent Free Microwave Extraction of Essential Oils from Plectranthus amboinicus and Melaleuca cajupati Leaves and their Repellent Activity	Rabiatul Adawiyah Binti Mohd Darwis	Universiti Pertahanan Nasional Malaysia
10:40 am – 11:00 am			
11.00 am – 11.15 am	End of Session		

THURSDAY 24 NOVEMBER 2022

Time	Parallel Session 4	Chair: Dr. Hong Pui Khoon Host: En. Mohamad Hafizi Bin Che Mat	
	Presentation title	Presenter	Affiliation
9:00 am – 9:20 am	Germination, Physiochemical, and Morphology Changes of TR10 Rice Seeds Irradiated to Filtered and Unfiltered Neutron	Rosina binti Baadu	Universiti Malaysia Sabah
9:20 am – 9:40 am	Phytochemical and Pharmacological properties of rambutan (<i>Nappecium lappaceum</i> L.) and its industrial usage: A mini review	Yasmin Amirah Che Yahaya	Universiti Malaysia Pahang
9:40 am – 10:00 am	Degradation Of Chlorinated Compounds By Microbial Communities From Ular River's Sediment	Siti Hatijah Mortan	Universiti Malaysia Pahang
10:00 am – 10:20 am	Biodegradation of Polyethylene by Microalgae <i>Anabaena</i> sp. and <i>Chlorococcum</i> sp.	Karthick Murugan Palanisamy	Universiti Malaysia Pahang
10:20 am – 10:40 am			
10:40 am – 11:00 am			
11.00 am – 11.15 am	End of Session		

THURSDAY 24 NOVEMBER 2022

Time	Parallel Session 5	Chair: PM Dr. Nina Suhaity Azmi Host: En. Ikram Bin Safiee	
	Presentation title	Presenter	Affiliation
9:00 am – 9:20 am			
9:20 am – 9:40 am			
9:40 am – 10:00 am			
10:00 am – 10:20 am			
10:20 am – 10:40 am			
10:40 am – 11:00 am			
11:00 am – 11.15 am			
11.15 am – 11.30 am	End of Session		