

Oral Presentation (Session 1)

ROOM 1 (Performing Arts Theatre)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.00 pm- 3.15pm	LS101	Nur Hanisah Binti Amran	UPM	Potential protective role of Kelulut honey against disruptive effect of microplastics on morphology, hormone and sex steroid receptor expression in the uterus of rats	Life science
2	3.20pm-3.45pm	LS118	Priscilla Das	SEGI UNIVERSITY	Immunohistochemical Detection of Tissue Resident Endothelial Progenitor Cells in Astrocytic Glioma	Life science
3	3.50pm-4.05pm	LS120	Elina Hishamuddin	MPOB	Morphology and size distribution of palm olein crystals during fractional crystallization with behenic acid	Life science
4	4.10pm-4.25pm	LS121	Nur Mawaddah Binti Majib	UniMAP	Mechanical and morphological properties of biofoam using different biomass as substrates	Life science
5	4.30pm-4.45pm	LS122	Aiesyaa Majdiena Binti Emlee	IIUM	Taxonomic Significance of Leaf Micromorphology in Selected Garcinia from Peninsular Malaysia	Life science
6	4.50pm-5.05pm	LS126	Arniza Ghazali	USM	Microscopic Evidence of Rectification Effects of TRX-CELL [®] on Problematic Low-End Papers	Life science
7	5.10pm-5.25pm	LS124	Samiya Riaz	USM	Uniqueness of Groove Pattern of Maxillary Posterior Teeth in Malay Population	Life science
8	5.30pm-5.45pm	LS125	Wan Nor I'zzah Wan Mohamad Zain	UTM	In Vitro Caco-2 Intestinal Monolayer Model to Assess Lapatinib Modulates Tight Junction Structure and Barrier Function via ErbB1 Inhibition	Life science
9	5.50pm-6.05pm	LS117	Brian Teo Sheng-Xian	MSU	NEW PERFLUORODECALIN-IN-PALM OIL-IN WATER DELIVERY SYSTEM FOR OXYGEN-ENRICHED COSMECEUTICAL SKIN CARE	Life science

ROOM 2 (Level 4 A401)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.00 pm- 3.15pm	PS102	Pisutti Dararutana	RETIRED ARMY OFFICER AT THE ROYAL THAI ARMY	Microanalysis study of ceramic tile used in low-cost body armor	Physical science
2	3.20pm-3.45pm	PS103	Siti Zubaidah Binti Othman	UNIVERSITI TENAGA NASIONAL	Effect of Energy Efficient Ageing on ZIF-8 Synthesized using Sustainable Template on Morphology and Carbon Dioxide (CO ₂) Uptake	Physical science
3	3.50pm-4.05pm	PS104	Azileyanti Nurain Binti Azmin	UNIVERSITI TENAGA NASIONAL	Chloride-less Approach Using Waste Ligand Source (PET Bottle) in Zirconium-Based Metal-Organic Framework (UiO-66): Structural Consideration	Physical science
4	4.10pm-4.25pm	PS106	Ahmed Hafedh Mohammed Mohammed	USM	Effect of sodium chloride amount in fabricating DCPD-coated porous β -TCP granules	Physical science
5	4.30pm-4.45pm	PS107	Putri Syalabiah Binti Abdul Rahim	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Fabrication and Characterization of Rice Husk Silica Water Filter - A Short Review	Physical science
6	4.50pm-5.05pm	PS108	Mohammad Fikrey Bin Roslan	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Thermal and Electrochemical Properties of Samarium Strontium Cobalt Oxide Based Composite Cathode with Different Electrolytes for Intermediate Temperature Solid Oxide Fuel Cell: A Short Review	Physical science

ROOM 3 (Level 4 A403)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.00 pm- 3.15pm	PS109	Umira Asyikin Yusop	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Impedance Analysis on Barium Strontium Cobalt Ferrite – Samarium Doped Ceria Carbonate for Solid Oxide Fuel Cells	Physical science
2	3.20pm-3.45pm	PS112	Muhammad Syahmie Sufi Bin Abdul Shukor	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Fabrication of Silica Water Filter from Rice Husk Waste Product via Cold Isostatic Pressing (CIP) Method	Physical science
3	3.50pm-4.05pm	PS113	Bisma Parveez	INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA	Investigation Of Morphology and Compressive Properties of Diamond Reinforced Porous Aluminium Composites	Physical science
4	4.10pm-4.25pm	PS114	Muhamad Azizi Mat Yajid	UNIVERSITI TEKNOLOGI MALAYSIA	Synthesization of Silica Aerogel with Optimum Amount of Silylating Agent for Floating Cover Reservoir Application	Physical science
5	4.30pm-4.45pm	PS119	Erniza Mohd Johan Jaya	USM	Synthesis of Microwave-Assisted Rice Husk Based Activated Carbon for Adsorption Of Methylene Blue Dye	Physical science
6	4.50pm-5.05pm	PS120	Mohamad Hafiz Baharudin	USM	Palm Trunk Based Activated Carbon Prepared Via Microwave Irradiated for Methylene Blue Dye Removal	Physical science

Oral presentation (session 2)- Day 2

ROOM 1 (Performing Arts Theatre)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.05 pm-3.20pm	PS115	Nur Liyana Binti Mohd Rosli	UNIVERSITI SAINS MALAYSIA	Effect Of Different Compaction Pressures On Structural And Physiomechanical Properties Of Akermanite Bioceramics Derived From Dental Mould Waste	Physical science
2	3.25pm-3.40pm	PS116	Ir. Ts. Dr. Lailatul Harina Binti Paijan	(UTEM)	Influence Of Microstructure On The Hardness Behavior Of Aisi Duplex-2205 Composite Layer By Tig Cladding	Physical science
3	3.45pm-4.00pm	PS132	Wan Mohd Haqqi Bin Wan Ahmad	UniMAP	Root Cause Analysis of Manufacturing Failure in Oxygen Brass Valve	Physical science
4	4.05pm-4.20pm	PS118	Ts. Dr. Mohd Fauzi Mamat	(UTEM)	Evaluation of Curcuma Domestica Loir and Alpinia Galanga Extract as an Eco-Friendly Corrosion Inhibitor for Carbon Steel in 0.5 M HCl Medium	Physical science
5	4.25pm-4.40pm	PS117	Ts. Dr. Mohd Fauzi Mamat	(UTEM)	Characterization of Tung Oil-Filled Urea-Formaldehyde Microcapsules and their Effect on Mechanical Properties of an Epoxy-Based Coating	Physical science

ROOM 2 (Level 4 A401)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.05 pm-3.20pm	PS130	Hasan Zuhudi Bin Abdullah	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Properties of Natural Hydroxyapatite (HAp) Extracted from Black Tilapia Fish (Bone and Scale) using Calcination Approach	Physical science
2	3.25pm-3.40pm	PS110	Zolhafizi Bin Jaidi	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	The effect of milling time toward characterization of rice husk ash silica (RHASiO ₂)	Physical science
3	3.45pm-4.00pm	PS131	Mahalaksmi Gunasilan	UniMAP	Failure Analysis on Newly Operating Turbine Blades	Physical science

4	4.05pm-4.20pm	PS111	Muhammad Zul Idzham Abdul Ghani	UNIVERSITI TUN HUSSEIN ONN MALAYSIA	Influenceo of Cu, Ag and Zn Additives Material on The Properties of Barium Strontium Cobalt Ferrite Cathode for Solid Oxide Fuel Cell Application-A Short Review	Physical science
5	4.25pm-4.40pm	PS133	Ahmad Muhammad Bin Aziz	UKM	The Effect of the High-Pressure Torsion Process and the Post-Treatment Process on Aluminium Alloy 5052	Physical science

ROOM 3 (Level 4 A403)

No	Time	Abstract Code	Participant Name	Affiliation	Title	Category (Life science, physical science)
1	3.05 pm-3.20pm	PS121	Umar Al-Amani Azlan	UTEM	Elements and Weight percentage of Water Treatment Sludge (WTS)	Physical science
2	3.25pm-3.40pm	PS122	Koe Chee Meng	USM	Synthesis and characterization of titanium dioxide particles by direct heating technique for photodegradation of methylene blue solution	Physical science
3	3.45pm-4.00pm	PS126	Nur Alyani Nazirah Binti Mohammad Rafix	UTM	The Characterisation and Tensile Properties of Annealed Cold Drawn Steel Wire	Physical science
4	4.05pm-4.20pm	PS128	Oskar Hasdinor Hassan	UITM	Investigation on the Annealing Effect of the Nanocomposite Zno/PDF Towards the Performance of Nanogenerator Energy Harvester.	Physical science
5	4.25pm-4.40pm	PS129	Nor Athira Binti Jamaluddin	USM	Effects of soaking time during sintering of zirconia toughened alumina (ZTA) doped with Nb 2 O 5 on the physical, microstructural and mechanical properties	Physical science