

## ENCON2017 TECHNICAL PARALLEL SESSION 1

13<sup>th</sup> September 2017 (Wednesday)

TIME	Parallel Sessions			
	<b>Danum 2 ChE Prof. Dr Hj. Mohammad Omar Abdullah</b>	<b>Danum 3 CE 1 Prof. Dr Ng Chee Khoon</b>	<b>Danum 4 EE 1 Prof. Dr Musse Mohamud Ahmed</b>	<b>Danum 5 ME 1 Prof. Dr Shahidul</b>
1400 1420	D2-P01  <b>Eugene Jackson Joy (107)</b> <i>Effects Of Hydraulic Retention Time And Solid Retention Time Of POME On COD Removal Efficiency</i>	D3-P01  <b>Hamidun Bin Mohd Noh (93)</b> <i>Impact Of Cover/Bar Diameter Ratio To The Structural Performance Of Reinforced Concrete Member Due To Corrosion</i>	D4-P01  <b>Yonis. M. Yonis Buswig (36)</b> Voltage Tracking Of A Multi-Input Interleaved Buck-Boost DC-DC Converter Using Artificial Neural Network Control	D5-P01  <b>Handie Ahmatau (90)</b> <i>Analysis Of Gate Poly Delayering In SOI Wafer</i>
1420 1440	D2-P02  <b>Khairul Anwar Mohamad Said (20)</b> <i>The Relationship Of Silver Content On Water Flux Of Polysulfone Composite Membrane</i>	D3-P02  <b>Mohd Rashdan Saad (69)</b> <i>The Role Of Building Layout In Haze Reduction</i>	D4-P02  <b>Siti Kudnie Sahari (70)</b> <i>Surface Analysis Of Thermally Growth Ge Oxide On Ge(100)</i>	D5-P02  <b>Nurfairuz Nadirah Affandi (21)</b> <i>Multiple-Objective Optimization Techniques In Laser Joining/Welding Of Dissimilar Materials Classes: A Comparison Between Grey And Ratio Analyses</i>
1440 1500	D2-P03  <b>Tausif Ahmad (76)</b> <i>Study On Effect Of Volume Of Gold Cholorauric Acid On Size, Shape And Stability Of Biosynthesized Gold Nanoparticles Using Aqueous Elaeis Guineensis (Oil Palm) Leaves Extract</i>	D3-P03  <b>Mohamad Tazuddin Adruss (2)</b> <i>Collaborative Location-Based Mobile Game With Error Detection Algorithm</i>	D4-P03  <b>Erdawaty Mohd Jaafar (35)</b> <i>Study Of Morphology, Optical And Electrical Properties Of Graphene Oxide Thin Film Depends On The Reaction Time Of Synthesis</i>	D5-P03  <b>Wong Wei Kitt (12)</b> <i>Euclidean Space Data Projection Classifier With Cartesian Genetic Programming (CGP)</i>
1500 1520	D2-P04  <b>Loi Hoang Huy Phuoc Pham (15)</b> <i>Simulation Analysis Of Initial CO2 Bubble Formation In Seawater Using VOF Method</i>	D3-P04  <b>Nurul Syakeera Nordin (26)</b> <i>Evolution Of Shear Strength With Varying Cement Dosages In Dredged Marine Soils</i>	D4-P04  <b>Muhammad Mujahid Muhammad (101)</b> <i>Artificial Neural Network Applications For Predicting Drag Coefficient In Flexible Vegetated Channels</i>	D5-P04  <b>Shahriar Shams, (53)</b> <i>Challenges And Opportunities Of Green Roof In Building Design: A Case Study From Bandar Seri Begawan</i>
1520 1540	<b>Evening Tea Break Venue: Foyer</b>			

1540 1600	D2-P05 <b>Muhammad Mubashir (97)</b> <i>Enhanced Gases Separation Of Cellulose Acetate (CA) Membrane Using N-Methyl-2-Pyrrolidone As Fabrication Solvent.</i>	D3-P05 <b>Ding Sie Hao (85)</b> <i>Synthesis Of KIT-6 Silica And Preparation Of Mixed Matrix Membranes By Incorporating KIT-6 Into Cellulose Acetate Membrane</i>	D4-P05 <b>Dyg Norkhairunnisa Abang Zaidel (58)</b> <i>Design And Analysis Of Slotted Ring Wideband Bandpass Filter For Microwave Sensor To Measure Rice Quality</i>	D5-P05 <b>Mahshuri Yusof (75)</b> <i>Tensile Properties Of Clam Shell Powder-Filled Unsaturated Polyester Composites</i>
1600 1620	D2-P06 <b>Nurul Aini Amran (57)</b> <i>Effect Of Freezing Time And Shaking Speed On The Performance Of Progressive Freeze Concentration Via Vertical Finned Crystallizer</i>	D3-P06 <b>Siti Farhanah S.M Johan (28)</b> <i>Effect Of Granular Inclusion On The Consolidation Rate Of Dredged Marine Clay</i>	D4-P06 <b>Law Kah Haw (45)</b> <i>Lead Compensator Design For Single-Phase Quasi Z-Source Inverter</i>	D5-P06 <b>Javed Akhter (77)</b> <i>Design And Optical Modeling Of A Low Profile Stationary Concentrating Solar Collector For Medium Temperature Heat Supply</i>
1620 1640	D2-P07 <b>Umair Sikander (18)</b> <i>Effects Of Catalyst Bed Position On Hydrogen Production By Methane Decomposition</i>	D3-P07 <b>Suraya Hani Adnan (13)</b> <i>Additional Of Cement Leftover From The Hollow Of The Spun Pile Reinforcement As An Additive To Scc</i>	D4-P07 <b>Ma Quanjin (38)</b> <i>Design Of Portable 3-Axis Filament Winding Machine With Inexpensive Control System</i>	D5-P07 <b>Siti Hawa Nabilah Zahari (19)</b> <i>Minimum Ignition Energy Of Engineered Nanomaterials (Enms)</i>
1640 1700	D2-P08 <b>Muhammad Athar,(72)</b> <i>Integrated Safety And Process Optimization Approach For Ammonia Synthesis Loop</i>	D3-P08 <b>Nurasiah Mira Anuar (24)</b> <i>Passive Pathogenic Removal In Leachate: Monitoring Of E. Coli Count</i>	D4-P08 <b>Mohd Hafiez Izzwan (113)</b> <i>Water Tree Simulation On Underground Polymeric Cable Using Finite Element Method For Research Purpose</i>	D5-P08 <b>Hilton Ahmad (86)</b> <i>Multi-Holes Configurations Of Woven Fabric Kenaf Composite Plates: Experimental Works And 2-D Modelling</i>

**ENCON2017 TECHNICAL PARALLEL SESSION 2**

**14<sup>th</sup> September 2017 (Thursday)**

TIME	Parallel sessions			
	Danum 2 CE 1 Assoc. Prof. Ir. Dr Siti Noor Linda Taib	Danum 3 EE 1 Assoc. Prof. Dr Hushairi Zen	Danum 4 ME 1 Assoc. Prof. Dr Syed Tarmizi Syed Shazali	Danum 5 ChE Assoc. Prof. Dr Cirilo Nolasco
0830 0850	D2-P09  <b>Nasser Rostam Afshar (46)</b> <i>Impact Of Climate Change To Water Resources</i>	D3-P09  <b>Sim Sy Yi (33)</b> <i>Power Factor Improvement In Power System With The Integration Of Renewable Energy</i>	D4-P09  <b>Muhamad Mat Noor (98)</b> <i>Performance, And Emission Characteristics Of Single Cylinder CI Engine Operated With Fusel Oil – Diesel Blend</i>	D5-P09  <b>Atta Ullah (4)</b> <i>An EMMS Mixture Model With Bubble Size Distribution</i>
0850 0910	D2-P10  <b>Alvin John Lim (43)</b> <i>Relationship Between Undrained Shear Strength (Su) And Consolidation Ratio For Cohesive Soil (Marine Clay)</i>	D3-P10  <b>Falih Alkhafaji (40)</b> <i>Proposed Optimisation Proportional Integral Derivative Controller Based On Second And Third Plant Model</i>	D4-P10  <b>Charlie Sia Chin Voon (25)</b> <i>Weibull Analysis On Banana Fiber Strength With Variation Of Within Fiber Cross-Sectional Area</i>	D5-P10
0910 0930	D2-P11  <b>Ting Wee Kiet (23)</b> <i>Interfacial Friction Behaviour In Narrow Wall Paste Backfill System</i>	D3-P11  <b>Nasir Shehzad (89)</b> <i>Graphene Oxide As An Efficient Photocatalyst For Photocatalytic Reduction Of CO2 Into Solar Fuel</i>	D4-P11  <b>Melissa Augustine Saidi (30)</b> <i>The Optimum Sodium Hydroxide Concentration For High Strength PLA-Rice Straw Composites</i>	D5-P11  <b>Muhammad Syafiq Hazwan Ruslan (29)</b> <i>Kinetic Model Of Supercritical Fluid Extraction Of Areca Catechu (Betel Nut)</i>
0930 0950	D2-P12  <b>Jeffrey Yap Boon Hui (5)</b> <i>Managing Design Change Dynamics In Building Construction: Conceptualising A Qualitative Model</i>	D3-P12  <b>Dayang Siti Amira Awang Yusuf (95)</b> <i>Design Of CMOS Power Amplifier With Resistive Feedback And Notch Filter For UWB System</i>	D4-P12  <b>Muhammad Naim Leman (91)</b> <i>Design, Fabrication And Evaluation Of A New Keropok Keping Drying Machine</i>	D5-P12  <b>June Bong Yin Chung (80)</b> <i>The Effect Of Amine Substituent Chain Length On Polyhedral Oligomeric Silsesquioxane/Polysulfone Mixed Matrix Membrane</i>
0950 1010	D2-P13  <b>Muhammad Yasir Shamim (87)</b> <b>Implementation of Safety</b>	D3-P13  <b>Shafrida Sahrani (108)</b> <i>Modeling And Simulation Study Of A</i>	D4-P13  <b>Rashidah Salim (66)</b> <i>A Review On Ruben's Tube As Acoustic Propagator</i>	D5-P13  <b>Siti Nur Azella Zaine(79)</b> <i>Effect Of Paste Viscosity On Direct-</i>

	<i>Performance Framework (SPF) in process industries to avoid disasters</i>	<i>High Speed Moving Target</i>		<i>Current Resistance In Improving The Efficiency Of Dye Solar Cell</i>
1010 - 1030	Tea Break Venue: Foyer			
1030 1130	Ballroom 1 Chairperson : Prof. Dr Sinin Hamdan Keynote Session 3			
1130 1230	Ballroom 1 Chairperson : Prof. Dr Sinin Hamdan Keynote Session 4			
1230 1400	Lunch Break (Imperial Garden Restaurant)			

**ENCON2017 TECHNICAL PARALLEL SESSION 3**

**14<sup>th</sup> September 2017 (Thursday)**

TIME	Parallel sessions			
	Danum 2 CE 1 Assoc. Prof. Dr Mohammad Ibrahim Safawi	Danum 3 EE 1 Assoc. Prof Dr Mohammad Abdelmoneim	Danum 4 ME 1 Prof. Dr Amir Azam Khan	Danum 5 ChE Assoc. Prof. Dr Khairuddin Sanullah
1400 1420	D2-P14  <b>Rosmaini Tasmin (106)</b> <i>Integrating Student Class Attendance Into University Information System For Seamless Monitoring Approach</i>	D3-P14  <b>Saidu Abubakar Adamu (60)</b> <i>High-Gain Modified Antipodal Vivaldi Antenna For Ultra Wideband Applications</i>	D4-P14  <b>Ting Tiew Wei (64)</b> <i>Heat And Flow Characteristics Of Nanofluid Flow In Porous Microchannels</i>	D5-P14  <b>Nurul Afiqah Mokri (88)</b> <i>Synthesis Of High Molecular Weight Polyimide Consisting Hexafluoroisopropylidene Moiety For Gas Separation</i>
1420 1440	D2-P15  <b>Taofeeq Sholagberu Abdulkadir (6)</b> <i>Geospatial Assessment Of Soil Moisture Distribution In Mountainous Watershed Using GIS And Remote Sensing Techniques</i>	D3-P15  <b>Sylvia Ong Ai Ling (47)</b> <i>Distributed Double Differential Space-Time Coding With Amplify-And-Forward Relaying In Cooperative Communication System</i>	D4-P15  <b>Magdalene Andrew-Munot (68)</b> <i>Analysis Of Production Planning Activities In Remanufacturing System</i>	D5-P15  <b>Muhammad Ishaq Khan (8)</b> <i>Probabilistic Ecotoxicological Risk Assessment Of Imidazolium Ionic Liquids With Amino Acid And Halide Anions</i>
1440 1500	D2-P16  <b>Striprabu Strimari (115)</b> <i>Study On Influence Of Moisture Content In Cement Stabilized Serian Soil</i>	D3-P16  <b>Mohd Ridhuan Mohd Sharip, Dyg (84)</b> <i>Effect Of Interphase Region And Neighboring Particles On Electric Field Intensity Within Nanocomposite Systems</i>	D4-P16  <b>Hasanain A. Abdul Wahhab (48)</b> <i>Application Of Electromagnetic Induction Technique To Measure The Void Fraction In Oil/Gas Two Phase Flow</i>	D5-P16  <b>Dewi Harreh (49)</b> <i>Biodiesel Production From Crude Karanja Oil Using Meretrix Lyrata Synthesized Active Cao Catalyst</i>
1500 1520	D2-P17  <b>Lim Chung Han</b> <i>Use Of Quarry Dust As Sand Replacement In Structural Concrete: A Review</i>	D3-P17  <b>Ariny Demong (111)</b> <i>Tracking Of Swirl Bubbles Using High Speed Camera</i>	D4-P17  <b>Afaque Ahmed (83)</b> <i>Rheology And Interfacial Tension Of Internal Olefin Sulphonate Coated Nano-Silica For Enhanced Oil Recovery</i>	D5-P17  <b>Muhammad Babar (81)</b> <i>Simulation Based Study On Identification And Quantification Of CO2 Solidification In Cryogenic CO2 Capture From Natural Gas</i>

1520 1540	BREAK			
1540 1600	<p>D2-P18</p> <p><b>Mohammad Zawawi Rosman (61)</b> <i>Time-Dependent Compressibility Behaviour Of Dredged Marine Soils (DMS) Admixed With Cement And/Or Waste Granular Materials (WGM)</i></p>	<p>D3-P18</p> <p><b>Dyg Norkhairunnisa Abang Zaidel (92)</b> <i>Improvement On The Bandwidth And Scattering Parameter Performances Of 5G Branch-Line Coupler Design For The Use In Intelligent Transportation System (ITS)</i></p>	<p>D4-P18</p> <p><b>Nazreen Junaidi (51)</b> <i>Development Of Kek Lapis Sarawak's Automated Cooling And Pressing System By Using PLC</i></p>	<p>D5-P18</p> <p><b>Latifah Abdul Ghani (94)</b> <i>The Use Of MFA And LCA In The Agriculture Waste Management System In Kuala Terengganu, Malaysia</i></p>
1600 1620	<p>D2-P19</p> <p><b>Omer Iqbal (44)</b> <i>Identification Of Brittle Zones Of Potential Roseneath Shale Gas, Cooper Basin, Australia Using Geomechanical Properties And Mineralogy.</i></p>	<p>D3-P19</p> <p><b>Mohammad Ashaari Kiprawi (103)</b> <i>Development Of Cutting Edge Temperature Measurement Of End Mill Tool By Infrared Radiation Technique</i></p>	<p>D4-P19</p> <p><b>Abdul Basit (52)</b> <i>Droplet Spreading Behavior On Urea Pellets</i></p>	<p>D5-P19</p> <p><b>Mohd Nurfirdaus Mohiddin (65)</b> <i>A Study On Chicken Fat Biodiesel Production, Characterization And Diesel Engine Performance</i></p>
1620 1640	<p>D2-P20</p> <p><b>Pannir Selvam Murugiah, (78)</b> <i>A Study On The Performance Of Ppodm-CNF Mixed Matrix Membrane For CO<sub>2</sub>/CH<sub>4</sub> Separation.</i></p>	<p>D3-P20</p> <p><b>Nor Asiah Muhamad (114)</b> <i>Understanding Of High Voltage Stress Distribution Phenomena On Liquid And Solid Insulation Material Using Finite Element Method For Research Purpose</i></p>	<p>D4-P20</p> <p><b>Sherra Bellina Barrabas (109)</b> <i>Hydrocarbon-Selective Catalytic Reduction As Nitrogen Oxides Emissions Reduction: A Short Review</i></p>	<p>D5-P20</p> <p><b>Norwahyu Jusoh (82)</b> <i>The Effects Of Amine-Functionalization On Zeolite T/6FDA-Durene Mixed Matrix Membranes For CO<sub>2</sub>/CH<sub>4</sub> Separation</i></p>
1640 1700	<p><b>D2P21</b></p>			<p><b>D5P21</b></p> <p><b>Muhammad Tariq Bashir (73)</b> <i>Monitoring Kinetic And Thermodynamic Parameters Of Fluoride Adsorption From Aqueous Solution By PKS-Based Anion Resins</i></p>