

SYMPOSIUM ON FRONTIER MATERIALS AND INDUSTRIAL APPLICATION 2019 SFMIA2019

POSTER PRESENTATION AND EVALUATION SESSION BY JUDGES

Time: 10.30 am- 11.30 am

Venue: OPEN PITCHING HALL, Level 2, GRAND BLUEWAVE HOTEL SHAH ALAM

		PARALLEL POSTER PRESENTATION P1	PARALLEL POSTER PRESENTATION P2	
10.30 - 10.40	3	Experimental Investigation on The Pneumatic Lifting Method of Deformable Object Presenter:	28	Effects of Infill Density on 3D Printed Socket for Transtibial Prosthetic Leg Presenter:
10.40 - 10.50	9	Adsorption of Copper (II) Ion by Leucaena Leucocephala Pods Presenter:	35	Extraction of Magnetite from Millscales Waste for Ultrafast Removal of Cadmium Ions Presenter: Nur Asyikin Ahmad Nazri
10.50 - 11.00	11	Wind Tunnel Experiment of an Electric Ducted Fan (EDF) Presenter:	46	The Effects of Palm Oil with Nanoclay Additive in Hydrodynamic Journal Bearing Lubrication Presenter: Izatul Hamimi Abdul Razak
11.00 - 11.10	17	Structural Analysis of Silica Extract from Banana Stems via Acid Leaching under Different Reaction Time Presenter: Nurul Jannah binti Yusaidi	51	Synthesis of Zinc Oxide Nanostructure by Chemical Bath Deposition (CBD) Method: Influence of Growth Time towards Nanostructure Characteristics Presenter: Rohanieza Abdul Rahman
11.10 - 11.20	25	Prediction of Bone Damage Formation in Resurfacing Hip Arthroplasty Presenter:	52	State Dynamic Modeling using Ionic Conduction Phenomenon for TiO ₂ -based Memristive Thin Film Presenter: Raudah Abu Bakar

11.20 -11.30	37	Effect on Input Parameter of Cold Isostatic Press (CIP) Towards Properties of Zirconia Block Presenter: Noratiqah Shahira	72	Effects of Deposition Time on Surface Properties of Co-Ni-Fe Alloy Synthesised on Hex Bolts Presenter: Muhammad Syafiq Md.Nor
	PARALLEL POSTER PRESENTATION P3		PARALLEL POSTER PRESENTATION P4	
10.30 - 10.40	77	Oil Spill Removal using Coconut Shell Based Composite Magnetic Activated Carbon Presenter: Dr. Putri Nadzrul Faizura Megat Khamaruddin	121	Resistance Spot Weld Assisted with Adhesive Bonding Presenter:
10.40 - 10.50	81	Nitrogen Removal Enhancement in Extended Aeration System Presenter: Ts. Dr. Jurina Jaafar	122	Mechanical Characterization of Epoxy Filled with seed shells as reinforcement Presenter: Dr. Anizah Kalam
10.50 -11.00	82	Rapid Expansion Supercritical Solution (RESS) of Carbon Dioxide as a Green Technology Method for Leucaena Leucocephala Solid Oil Particle Formation Presenter:	123	Single Edge Notch Bend (SENB) of Kenaf/Fibreglass Hybrid Composites Presenter:
11.00 -11.10	83	Reduction of Chemical Oxygen Demand (COD) Effluent of Plastic Recycling Processing Plant Using LD Slag Presenter: Farah Izatty Anuar	124	Post Impact Tensile and Single Edge Notch Bending Test of Kenaf Hybrid Composite Presenter:
11.10 - 11.20	89	Analysis on the Performance of Steam Absorption Chiller at Various Operating Conditions Presenter: Rosnadiyah Bahsan	127	The Characterization of Co-Ni-Fe Coating in Different pH Environment Presenter: Dr. Nik Rozlin Nik Mohd Masdek
11.20 -11.30	96	Vissim-based Simulation Analysis of Variable Slip Road Length Design Presenter: Dr. Siti Mariam Abdul Rahman	128	Flexural Strength, Fracture and Impact Toughness Analysis of Kenaf/Woven Fibreglass Polyester Composite Presenter:

	PARALLEL POSTER PRESENTATION P5		PARALLEL POSTER PRESENTATION P6	
10.30 - 10.40	92	Additive Manufacturing of 316L Stainless Steel Presenter: Jamaliah Md Said	60	Development of Intelligent Food Packaging from Turmeric (Curcuma longa) Presenter: Dr. Siti Noor Suzila Maqsood ul Haque
10.40 - 10.50	136	Investigation On The Qausi-Static Indentation Behavior Of Nanoclay-Toughened Chopped Carbon Fibres Composites Presenter: Adila Nalisa Mohd Roslan	137	Slurry Pot Erosion Wear of Nanoclay-modified Short Fiber Reinforced Polymer (SFRP) Composites Presenter : Nurul Ain Haris
10.50 -11.00	138	Impact Properties of Nanomodified Basalt Fiber Reinforced Polymer Composites Presenter : Mohd Fadzli Ismail	139	Chopped Carbon Fiber Reinforced Polymer Composites : Effect of Nanoclay on Adhesive and Abrasive Wear Properties Presenter : Norhashidah Manap
11.00 -11.10	141	Wear Behavior of Short Glass Fiber Reinforced Polymer Composite With Nanoclay Modification Presenter : Jamaliah Md Said	142	Enhancing The Mechanical Properties Of Chopped Basalt Composites By Incorporating Of Multiwall Carbon Nanotubes Presenter : Ilya Izyan Shahrul Azhar
11.10 - 11.20	143	Impact Response of Glass-Aluminium Fibres Metal Laminates: Effect of Fibre Architecture Presenter : Masaki Hozumi	144	Quasi-Static Indentation Properties of Woven and Unidirectional Glass-Aluminium Fibre Metal Laminates Presenter : Muhammad Naim Najib
11.20 -11.30	145	Effects of Kenaf and Basalt Face Sheets Modified Nanosilica of Closed Cell Aluminium Sandwich Panel Presenter : Napisah Sapiai		