4th International Conference on Electrical, Control & Computer Engineering, 2017				
Venue	Adya Hotel Langkawi, Kedah			
	October 16th, 2017			
8:30 - 9:00	Registration			
9:00 - 9:15	Conference Opening			
9:15 - 10:00	**Keynote - "Four Tech Trends Shaping the Future of Telecommunications"** **Dr. Colin Chee** **Distinguished Member of Technical Staff, Motorola Solution Malaysia**			
10:00 - 10:15	Coffee Break			
10:15 - 13:00	Oral Presentation			

Oral Presentation

	Parallel Session 1		Parallel Session 2	
	Session Chair: Dr. Norizam bin Sulaiman		Session Chair: Dr. Ahmad Syahiman Mohd Syah	
	Paper ID	Title	Paper ID	Title
10:15 - 13:00	8	Low-Cost and Portable Interactive Sinusoidal Digital Signal Generator by Using FPGA	74	Hybrid Fuzzy-PID Bidirectional Speed Controller for BLDC with Seamless Speed Reversal using Direct Commutation Switching
	80	Comparison of Filtering Methods for Extracting Transient Facial Wrinkles Features	15	Studies on The Effect of Load Variations for Three-Phase AC-DC Current Injection Hybrid Resonant Converter
	124	Tracking of Tissue Movement using Distance-Weighted Log Ratio Similarity Matching Algorithm	102	Reliability Analysis On protection Devices Inclusion in LV Residential Distribution Network
	61	Front-End Design for Non-Invasive Electrical Resistance Tomography for Liquid Column	93	A Simple THD Minimization Technique for Transistor-Clamped H-Bridge-Based Cascaded Multilevel Inverter
	16	An Improved Medll Multipath Estimation Method Based on Teager-Kaiser Operator	84	Application of Moth-Flame Optimizer and Ant Lion Optimizer to Solve Optimal Reactive Power Dispatch Problems
	62	Circular Microstrip Patch Antenna for UHF RFID Reader	79	Improvement of Harmonics using Passive Harmonics Filter
	94	S-Band FMCW Radar for Target Tracking and Monitoring	88	Modeling and Analysis Technical Performance of BLDC Motor (Electric Motorcycle)
	131	Automatic Gram Staining for Sputum Slide	10	Back Electromotive Force Analysis of Outer-Rotor Hybrid Excitation Flux Switching Motor
	121	Analysis of Unclean Hand System Detection using Template Matching Technique	11	Comparative Analysis of Double Stator Permanent Magnet Flux-Switching Machines with Segmented Inner Stator and
	113	Image Processing Analysis of Prevention for Mold Growth on Bread using Negative Ion Technology	128	Efficient Operation of Lithium-Ion Batteries based on GPV-Forecasted PV Output
	125	Real-Time Kinect Finger Tracking and Recognition for Servo Gripper Controller	98	Development of a Resonant Excitation Coil of AC Magnetometer for Evaluation of Magnetic Fluid
13:00 -14:00	Lunch			

		Oral Presentation		
		Parallel Session 3		Parallel Session 4
		Session Chair: Dr. Mahfuzah Mustafa		Session Chair: Dr. Ahmad Nor Kasruddin Nasir
	Paper ID	Title	Paper ID	Title
14:00 - 17:00	118	Development of Smart Security System for Building or Laboratory Entrance based on Human's Brain (EEG) and Voice	70	MOSDA: A Proposal for Multiple Objective Spiral Dynamics Algorithm
	76	Classification of EEG Signal for Body Earthing Application	78	Illumination-Invariant Image Matching by using Simulated Kalman Filter (SKF) Algorithm
	77	EEG Classification Analysis for Diagnosing Autism Spectrum Disorder based on Emotions	91	Analysis of Different Quality Agarwood Oil (Aquilaria Malaccensis) and Sensory Study
	3	Design Eddu Current Testing Probe Based on PM-GMR	89	Application of Self-Tuning Fuzzy PID(STFPID) Controller on Industrial Essential Oil Extraction System using System
	90	Utilizing On-Board Gps in City Buses to Determine Traffic Conditions	92	Automated Printed Circuit Board Assembly Verification and Validation System
	5	MEMS Gyroscope and Accelerometer based North Finding System	116	Measurement of Carbon Dioxide using Low-Cost and Compact Spectroscopy based Gas Sensor
	101	A Monitoring System for EPW Safe Use	130	Transfer Learning Through Abstraction using Learning Vector Quantization
	85	Vision-based Object's Shape Determination for Robot Alignment	100	A Hybrid Spiral-Genetic Algorithm for Global Optimization
	64	Leader Follower of Quadrotor Micro Aerial Vehicle	63	A Compact Optical Fiber Based Gas Sensing System For Carbon Dioxide Monitoring
	105	Dynamic Modelling and Analysis of Omnidirectional Wheeled Robot: Turning Motion Analysis	2	The Potential Development of Oxygen Optical Fibre Gas Sensor for Automotive Industry
	117	Hydrokinetics Energy Harnessing for River Application	17	Development and Experimental Study of Miniature Two-Plates Electrical Capacitance Sensor to Detect Dielectric Material
	95	Shunt Hybridactive Power Filter in 3-phase 3-wire Based on Two Compensation Control Methodologies With PI and Fuzzy	75	Knee Joint Movement Monitoring Device based on Optical Fiber Bending Sensor
	96	The Impact of Partial Discharge On The Diaelectric Properties of Refined Bleached and Deodorized Palm Oil	127	Dependability Analysis of Logic Controller based on Formal Verification Procedures
	9	Comparative Study on the Performances of PV System with Various Combinations of Converter Topologies and PWM	87	A Model-Free Approach to Optimal Chiller Loading Problem using Global Simultaneous Perturbation Stochastic
	1	Harmonic Distortion and Voltage Imbalance Study of Photovoltaic Power Plant Connected to The Malaysian Grid	106	Chemical Compounds of Agarwood Smoke using CAR-PDMS Fiber and Different Sampling Times
17:00 - 18:00	**High Tea & Best Paper Award Ceremony**			
	October 17th, 2017			
online	Virtual Presentation http://ee.ump.edu.my/inecce17/?page_id=138			
	Paper ID	Title	Paper ID	Title
	114	Embedded Character Recognition System using Random Forest Algorithm	82	PSO based Optimal Reactive Power Control (ORPD) Considering Multi-Contingencies
	73	FPGA Implementation of Simulated Kalman Filter Optimization Algorithm	129	Dual Channel Double Wavelength Method in Optical Fiber Based Gas Sensor for Carbon Dioxide Detection
	111	Cloud-Based Routing Resource Allocation in Cognitive Radio Networks	97	Real Time PID Control of Wireless Two-Wheeled Balancing Lego EV3 Robot
	112	Cognitive Radio based Optimal Channel Sensing for Resource Allocation in Communications		
8:00 - 17:00	Tour/visit			