

**IEEE International Conference on Computing, Electronics and
Communications Engineering (iCCECE '19) 2019**
22nd – 23rd August, 2019
London Metropolitan University, UK

IEEE iCCECE '19 Conference Programme

Day 1: 22nd August 2019, Thursday

Time	Session	Session Details			Venue
08:00-08:55	Registration	Registration Distribution of Conference Goodie Bag Networking/Breakfast			Registration Desk
08:55-09:00	Opening	Welcome address and presentation of conference statistics by Dr. Maaruf Ali (Conference Chair)			BPLG-02
09:00-10:00	Keynote Speech-1: - Professor Jonathan C. Roberts, Bangor University, UK				BPLG-02
10:00-11:00	Track-1: Energy and Power Systems				BPLG-02
	Time	Paper ID	Presenting Author	Paper Title	
	10:00-10:20	68	Guohe Huang	Canadian Energy System Management under Climate Change Conditions	
	10:20-10:40	71	Guwon Yoon	Prediction of Machine Learning Base for Efficient Use of Energy Infrastructure in Smart City	
	10:40-11:00	72	JaeYong Lee	Energy Harvesting using Piezoelectric Element for Human Daily Life	
10:00-11:00	Track-2: Control Systems				BPLG-01
	Time	Paper ID	Presenting Author	Paper Title	
	10:00-10:20	39	Dariusz Kania	The voltage offset in the noised signal frequency estimation for a Renewable Energy System using Generalized Maximum Sidelobe Decay windows	
	10:20-10:40	62	Gurulingappa M. Patil	Optimization of Second Order Non-linear System using Fuzzy Logic Controller	
	10:40-11:00	97	Babatunde A. Giwa	Transient Performance Enhancement of Tank Circuited 3-Pole PV Based DC Microgrid with Limit-Based P & O MPPT Algorithm	

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11:00-11:20	Break: Light Refreshment/Networking				BPLG-02
11:20-13:00	Track-3: Electronics, Circuits and Systems				BPLG-02
	Time	Paper ID	Presenting Author	Paper Title	
	11:20-11:40	11	Surachoke Thanapitak	An Improved FVF Lowpass Filter with 0.02 fJ-FoM	
	11:40-12:00	43	Lukáš Kohútka	FPGA-based Task Scheduler for Mixed-Criticality Real-Time Systems	
	12:00-12:20	69	Priya Gupta	Leakage Immune Modified Cross Coupled Inverter Based MI-12T SRAM in Sub-Threshold Regime	
	12:20-12:40	77	Walid K A Hasan	Design and Implementation Smart Transformer based on IoT	
12:40-13:00	87	Peter Fecilak	Remote Arduino programming with Blockly web interface		
11:20-12:40	Track-4: Economics and Business Engineering				BPLG-01
	Time	Paper ID	Presenting Author	Paper Title	
	11:20-11:40	99	Michael Heidenreich	Conceptualization of a measurement method proposal for the assessment of IT security in the status quo of micro-enterprises	
	11:40-12:00	47	Aftab Ali	Predictive Process Monitoring using a Markov Model Technique	
	12:00-12:20	110	Sundresan Perumal	Proposed Customer's Sensitive Information Privacy Model for Financial Institution	
12:20-12:40	112	Marie Haikel-Elsabeh	Analysis of Users' Behaviour and Adoption Trends of Social Media Payment Platforms		
13:00-14:00	Break: Lunch/Networking				BPLG-02
14:00-15:00	Keynote Speech – 2: “Research in a Post-Truth Society” – Professor Garfield Southall, Executive Dean, Faculty of Science and Engineering, University of Chester, UK.				BPLG-02
15:00-16:00	Track-5: Pervasive Computing and Internet of Thing				BPLG-02
	Time	Paper ID	Presenting Author	Paper Title	
15:00-15:20	90	Adebamigbe Fasanmade	Context-Aware Driver Distraction Severity Classification using LSTM Network		

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	15:20-15:40	37	Muzaffar Rao	LabVIEW-FPGA based implementation of an Authenticated Encryption core	
	15:40-16:00	61	Safeullah Soomro	Reviews and Open issues of Cryptographic Algorithms in Cyber Security	
	16:00-16:20	82	Adeem Akhtar	IoT Based Home Automation System Using ThingSpeak	
	16:20-16:40	104	Konstantinos Goutsos	Lightweight PUF-based Continuous Authentication Protocol	
	16:40-17:00	108	Shin-Yan Chiou	A Novel Surgery Navigation System Combined with Augmented Reality based on Image Target Positioning System	
	Track-6: Computing and IT				
	Time	Paper ID	Presenting Author	Paper Title	
	15:00-15:20	12	Hussein Walugembe	Gesture Recognition in Leap Motion Using LDA and SVM	
	15:20-15:40	15	Andreas Heimrath	Reflex-Augmented Reinforcement Learning for Operating Strategies in Automotive Electrical Energy Management	
	15:40-16:00	18	Mohamed Al Fairuz	Data-Driven Models for Sewer Blockage Prediction	
	16:00-16:20	98	Jacqueline van Druten	A Deep Learning Based Suggested Model to Detect Necrotising Enterocolitis in Abdominal Radiography Images	
	16:20-16:40	48	Guoqing Li	Kernel Sharing in the Channel Dimension to Improve Parameters Efficiency	
	16:40-17:00	49	Nazia Hameed	An Intelligent Inflammatory Skin Lesions Classification Scheme for Mobile Devices	
15:00-16:00					BPLG-01
18:30-20:30	Conference Dinner				TBA

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Day 2: 23rd August 2018, Friday

Time	Session	Session Details			Venue
09:30-10:00	Registration	Registration Distribution of Conference Goodie Bags Networking/Breakfast			Registration Desk
10:00-11:00	Invited Speech: Ali Kashif Bashir, Manchester Metropolitan University, UK				BPLG-02
11:00-12:20	Track-5: Pervasive Computing and Internet of Thing				BPLG-02
	Time	Paper ID	Presenting Author	Paper Title	
	11:00-11:20	105	Maaruf Ali	A new Database for Underwater Sound Recognition using a Nonlinear Support Vector Machine	
	11:20-11:40	91	Anwar Alruwaili	Intelligent Transaction Techniques for Blockchain Platforms	
	11:40-12:00	78	Nida Zeeshan	Three-way Security Framework for Cloud based IoT Network	
	12:00-12:20	111	Maaruf Ali	Detailed Analysis of IRIS Recognition Performance	
11:00-12:20	Track-6: Computing and IT (Continued)				BPLG-01
	Time	Paper ID	Presenting Author	Paper Title	
	11:00-11:20	64	Noriaki Yoshikai	Credibility of Alert Messages for Computer Virus Infection	
	11:20-11:40	65	Nikita Zujevs	Authentication by Graphical Passwords Method 'Hope'	
	11:40-12:00	73	Ana Elsa Hinojosa Herrera	Failure Mode & Effect Analysis for Improving Data Veracity and Validity	
12:00-12:20	41	Sandeep Suri	Comparative Study of Ranking Algorithms		
12:20-13:20	Break: Lunch/Networking				BPLG-02
13:20-15:20	Track-6: Computing and IT (Continued)				BPLG-01
	Time	Paper ID	Presenting Author	Paper Title	
13:20-13:40	96	Bismal Majeed	E-Government in Developed and Developing		

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				Countries: A Systematic Literature Review	
	13:40-14:00	89	Mhd Saeed Sharif	Predicting the Standard and Deviant Patterns In EEG Signals Based On Deep Learning Model	
	14:00-14:20	88	Hilal Ahmed Kahn	Fast and accurate iris segmentation methods using LoG filters	
	14:20-14:40	100	Rasha Hafidh	Smart Holistic Model for Children and Youth with Special Educational Needs and Disabilities	
	14:40-15:00	101	Sarah A. AlDaweesh	Predicting Hourly Particulate Matter (PM _{2.5}) Concentrations Using Meteorological Data	
	15:00-15:20	53	Neville Palmer	Automating the Assessment of Network Security in Higher Education	
	Track-7: Communications Engineering and Vehicular Technology				
	Time	Paper ID	Presenting Author	Paper Title	
13:20-15:40	13:20-13:40	63	Wiseborn Manfe Danquah	Vehicular Volunteer Computing (VVC): A Novel Paradigm for The Volunteering of Vehicular Resources; Opportunities and Challenges	BPLG-02
	13:40-14:00	70	Martin Baumann	Reducing Transient Disturbances within Automotive Power Systems through Adapting of Input Circuits	
	14:00-14:20	86	Md. Jalil Piran	Learning-Driven Wireless Communications, towards 6G	
	14:20-14:40	102	Idayat O. Sanusi	Channel Assignment and Power Control for D2D-Enabled Cellular Networks	
	14:40-15:00	21	Richard N M Rudd-Orthner	Numerical Discrimination of the Generalisation Model from Learnt Weights in Neural Networks	
	15:00-15:20	22	Ali Mohammed Ahmed Almohammed	LMS for Truncate CSI Feedback in Massive MIMO	
	15:20-15:40	24	Nazrul Islam	Cost-effective Network Planning for Rural Communities	
15:40-16:00	Conference Closing Closing Speech Distribution of Best Paper Awards				BPLG-02