International Conference on Emerging Topics in Computing 2020 (iCETiC '20)
19th – 20th August, 2020
~~London Metropolitan University, London, UK~~
To be held online as a live interactive virtual conference

iCETiC '20 Conference Programme

Day 1: 19th August 2020, Wednesday

Time	Session	Session Details		
09:00-09:10	Opening	Welcome address and presentation of conference statistics by **Dr. Maaruf Ali (Conference Chair)**		
09:10-09:50	**Keynote Speech**	**Professor Andrew Ware**, Faculty of Computing, Engineering and Science, University of South Wales, UK.		
09:50- 11:10		**Track-1: Blockchain and Cloud Computing, Session Chair: Nkaepe Olaniyi**		
		Time	**Paper ID**	**Presenting Author**	**Paper Title**
		09:50-10:10	14	Khairul Akram Zainol Ariffin	Cloud Forensic Analysis on pCloud: from Volatile Memory Perspectives
		10:10-10:30	40	Sesha Kalyur	CALIPER: A Coarse Grain Parallel Performance Estimator and Predictor
		10:30-10:50	57	Raimundas Savukynas	Integration of Safety Means with Functions of Blockchain in Multi-layered Architecture of IoT for Safer Data Transmission Procedures
		10:50-11:10	64	Maaruf Ali	Amazon Web Services (AWS) – An Overview of the On-Demand Cloud Computing Platform
11:10-11:30	**Break: Open Discussion/ Virtual Networking**			

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11:30-12:50	Track-2: Security, Wireless Sensor Networks and Internet of Things (IoT), Session Chair: Marjan Mansourvar			
	Time	**Paper ID**	**Presenting Author**	**Paper Title**
	11:30-11:50	3	Rabie Ramadan	SIoT: Secure IoT Framework for Smart Environments
	11:50-12:10	7	Ghulam E Mustafa Abro	Review of Hybrid Control Designs for Underactuated Quadrotor with Unmodelled Dynamic Factors
	12:10-12:30	65	Maaruf Ali	A Review of Underwater Acoustic, Electromagnetic and Optical Communications
	12:30-12:50	44	Jinfeng Li	Optically Inspired Cryptography and Cryptanalysis: A Survey and Research Directions
12:50-13:30	Break: Lunch Break			
13:30-14:30	Keynote Workshop	"First Steps with The Wolfram Programming Language" – by Professor Garfield Southall, Executive Dean for the Faculty of Science and Engineering at the University of Chester, UK.		
14:30-15:30	Track-3.1: Emerging Technologies in Engineering Education and Sustainable Development, Session Chair: Rabie Ramadan			
	Time	**Paper ID**	**Presenting Author**	**Paper Title**
	14:30-14:50	6	Nkaepe Olaniyi	A Survey on the Use of e-Portfolios as a Form of Assessment in Online Computer Science Courses
	14:50-15:10	16	Alessandro Ianniello	Design for medical simulation: guidelines and visioning for a new model of education
	15:10-15:30	26	Md. Bakhtiar Abid	Design and Implementation of an E-Notice Board using a NodeMCU
15:30	End of Day 1			

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Day 2: 20th August 2019, Thursday

Time	Session	Session Details			
09:00-10:00	Keynote Speech	**Professor Jonathan C. Roberts**, School of Computer Science, Bangor University, UK.			
10:00- 11:00		**Track-3.2: Emerging Technologies in Engineering Education and Sustainable Development (Continued), Session Chair: Shoaib Ahmed Shaikh**			
		Time	**Paper ID**	**Presenting Author**	**Paper Title**
		10:00-10:20	45	Oliver Bubelíny	A study of the impacts of technological innovations on cooperation cases
		10:40-10:40	46	Irina Ďaďová	Possibilities of building company´s reputation with the support of digital marketing tools - a case study
		10:40-11:00	60	Tommy Tanu Wijaya	Developing an Interactive Mathematical Learning Media based on the TPACK Framework Using the Hawgent Dynamic Mathematics Software
11:00-11:20	**Break: Open Discussion/ Virtual Networking**				
11:20-15:00	**Track-4: AI, Big Data and Data Analytics, Session Chair: Safeeullah Soomro and Maaruf Ali**				
	Time	**Paper ID**	**Presenting Author**	**Paper Title**	
	11:20-11:40	2	Rabie Ramadan	Sentiment Analysis of Turkish Twitter Data using Polarity Lexicon and Artificial Intelligence	

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	11:40-12:00	21	Marjan Mansourvar	Big Data Analytics in Healthcare: A Review of Opportunities and Challenges
	12:00-12:20	22	M. Sujoy CHATTERJEE	A Multi-Level Consensus Clustering Framework for Customer Choice Modelling in Travel Industry
	12:20-12:40	23	Md. Nazmus Sabab	Bangla Speech Recognition using 1D-CNN and LSTM with Different Dimension Reduction Techniques
	12:40-13:00	37	Aditi Biswas	Comparative Analysis of Dimension Reduction Techniques over Classification Algorithms for Speech Emotion Recognition
	13:00-13:20	43	Deepthy Mary Alex	Investigations on Performances of Pre-trained U-Net Models for 2D Ultrasound Kidney Image Segmentation
	13:20-13:40	47	Fahad Alsahli	Development of Hierarchical Attention Network based Architectures for Cloze-style Question Answering
	13:40-14:00	50	Raisul Islam	An ARIMA-LSTM Correlation Coefficient based Hybrid Model for Portfolio Management of Dhaka Stock Exchange
	14:00-14:20	51	Thai Le	The Combination of Attention Sub-Convnet and Triplet Loss for

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				Pulmonary Nodule Detection in CT Images
	14:20-14:40	52	Mohammed W. Ashour	A Review on Steel Surface Image Features Extraction and Representation Methods
	14:40-15:00	56	Joao Bioco	Parameterization of an Agent-Based Model of Spatial Distribution of Species
15:00-15:20	**Declaration of Best Paper Awards and Closing Speech**			