

IEEE ICCECE '18 Conference Programme (Draft_v2)

Day 1: 16th August 2018, 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)			GB.2.18/19
09:00-10:00	Keynote Speech-1: "Six Not-so-easy Pieces - An Eternal Golden Braid: a metaphorical fugue on all things digital in the spirit of Richard Feynman and Douglas Hofstadter" - Professor Garfield Southall.			GB.2.18/19	
10:00- 11:10	Track-1: Computing and IT				GB.2.18/19
	Time	Paper ID	Presenting Author	Paper Title	
	10:00-10:15	19	Saad Alsaleh	A Knowledge Sharing System Architecture for Public Institutions	
	10:15-10:30	20	Marzia Hoque Tania	Clustering and Classification of a Qualitative Colorimetric Test	
	10:30-10:45	21	Fadia Ali Khan	Intertwining and NCA Maps Based New Image Encryption Scheme	
	10:45-11:00	33	Halima Abdul Halime Shnishah	Encryption of Images file using a User-controlled Automatically-generated Key	
10:00- 11:10	Track-2: Communications Engineering and Vehicular Technology				GB.2.13
	Time	Paper ID	Presenting Author	Paper Title	
	10:00-10:15	12	Majed Basha	Design and implementation of a tuned Analog Front-End For extending VLC transmission range	
	10:15-10:30	26	Muhammad Zahid	Recent advances in Neural Network Techniques for channel Equalization: A comprehensive survey	

	10:30-10:45	41	Muhammad Qasim Khan	Signaling Storm Problems in 3GPP Mobile Broadband Networks, Causes and Possible Solutions: A Review	
	10:45-11:00	90	Sung Hyun Park	Performance of the ALOHA-Q MAC Protocol for Underwater Acoustic Networks	
11:00-11:15	Break: Light Refreshment/Networking				Registration Desk
11:15-13:15	Track-1: Computing and IT (Continued)				GB.2.18/19
	Time	Paper ID	Presenting Author	Paper Title	
	11:15-11:30	38	Amro F. Alasta	Identification of Sunspots on SODISM Full-Disk Solar Images	
	11:30-11:45	43	Umair Ahmed Bajwa	Blockchain beyond Bitcoin: Blockchain Technology Challenges and real-world applications	
	11:45-12:00	81	Sunitha Cheriyan	Intelligent Sales Prediction Using Machine Learning Techniques	
	12:00-12:15	58	Hadeel Alzoubi	An automated system for identifying alcohol use status from clinical text	
	12:15-12:30	75	Derek Colley	The Impact of Object-Relational Mapping Frameworks on Relational Query Performance	
	12:30-12:45	111	Mhd Saeed Sharif	An Effective TeleHealth Assistive System to Support Senior Citizen at Home or Care-Homes	
	12:45-13:00	83	Ana Elsa Hinojosa Herrera	Data Driven Predictive Model to Compact a Production stop-on-fail Test Set for an Electronic Device	
	13:00-13:15	112	Mhd Saeed Sharif	A Machine Learning Technique to Detect Counterfeit Medicine Based on X-Ray Fluorescence Analyser	
11:15-13:15	Track-2: Communications Engineering and Vehicular Technology (Continued)				GB.2.13
	Time	Paper ID	Presenting Author	Paper Title	
	11:15-11:30	101	Hamada Esmail	WiGig Coverage Area Management Based on Wi-Fi Received Signal Strength	
	11:30-11:45	94	Mohammed S. Alzaidi	A Novel Reduced Complexity Detection Scheme for ON-OFF-Keying Diffusion-Based Molecular Communications	

	11:45-12:00	102	Hamada Esmail	Optical MIMO-TDS-OFDM with Generalized LED Index Modulation		
	12:00-12:15	96	Mehmet Bozdal	A Survey on CAN Bus Protocol: Attacks, Challenges, and Potential Solutions		
	12:15-12:30	103	Hamada Esmail	Efficient mmWave Link Establishment and Maintaining using Wi-Fi/mmWave Interworking		
	12:30-12:45	98	Kai-Sheng Chen	Wavelength Reuse for Two-Direction Transmissions of Optical CDMA Signals on Radio-over-Fiber Application		
	12:45-13:00	106	Hamada Esmail	An Image Transmission Technique Adaptive to Underwater Time-Dispersive Fading Channels with Progressive Zero Padding OFDM		
	13:00-13:15	107	Hamada Esmail	Efficient Real Time Image Transmission Over Underwater Acoustic mmWave Channel		
13:15-14:15	Break: Lunch/Networking				Registration Desk	
14:15-14:45	Publons Presentation: Laura Simonite, Publisher Account Manager				GB.2.18/19	
14:45-16:00	Track-1: Computing and IT (Continued)					GB.2.18/19
	Time	Paper ID	Presenting Author	Paper Title		
	14:45-15:00	10	Muhammad Adil Ansari	Network Load Analysis During Test Mode for the Network-on-Chip Reused Test Access Mechanisms		
	15:00-15:15	11	Yasir Saleem	Migration of Multiplatform Legacy Network to Single Software-Defined-Network (SDN)		
	15:15-15:30	25	Muhammad Irfan	Impact of Initialization on Gate-based Area Efficient Ternary Content-Addressable Memory		
	15:30-15:45	84	Shoma Miki	Applying Deep Learning and Reinforcement Learning to Traveling Salesman Problem		
	15:45-16:00	87	Professor Dr. Jinhong Yang	Risk Identification of Personally Identifiable Information from Collective Mobile App Data		
	Track-3: Energy and Power Systems					GB.2.13
Time	Paper ID	Presenting Author	Paper Title			

	15:30-15:45	18	Ruquan Liang	Waste heat recovery in oxy- and air-combustion glass melting furnace	
	15:45-16:00	32	Mohammad Inayatullah Khan Babar	Energy Based Analysis of Traditional Routing in Mobile Ad-hoc Networks	
16:00-19:30	Guided Tour (Optional)				Southend Pier
19:30-20:30	Conference Dinner				TBA

Day 2: 17th August 2018, Friday

Time	Session	Session Details			Venue
08:30-09:00	Registration	Registration Distribution of Conference Goodie Bags Networking/Breakfast			Registration Desk
09:00-10:30	Tutorial: "Object Tracking and Sensor Fusion in Sensor Networks" - Professor Henry Leung.				GB.2.18/19
10:30-10:45	Break: Light Refreshment/Networking				Registration Desk
10:45-12:00	Track-1: Computing and IT (Continued)				
	Time	Paper ID	Presenting Author	Paper Title	GB.2.18/19
	10:45-11:00	88	Jinhong Yang	General Data Protection Regulation Complied Blockchain Architecture for Personally Identifiable Information Management	
	11:00-11:15	93	Sulaiman Nasser Aljarallah	Software Sustainability from a User Perspective A case study of a developing country (Kingdom of Saudi Arabia)	
11:15-11:30	95	Thashen Padayachy	An Information Extraction Model using a Graph Database to Recommend the Most Applied Case		

	11:30-11:45	97	Maaruf Ali	Integrated Intrusion Detection and Prevention System with Honeypot in Cloud Computing	
	11:45-12:00	108	Jacqueline VAN DRUTEN	A Proposed Machine Learning Based Collective Disease Model to Enable Predictive Diagnostics in Necrotising Enterocolitis	
	Track-4: Electronics, Circuits and System				
10:45- 12:00	Time	Paper ID	Presenting Author	Paper Title	GB.2.13
	10:30-10:45	44	Electa Alice Jayarani A	Zero Watermarking On Audio Based On STFT	
	10:45-11:00	56	Ali Fakhrulddin	Mobile Robot Detecting Elder Falls: Representing Aesthetic Technologies, Theory, Software, and Hardware	
	11:00-11:15	78	Mohamed Farag Elaakhdar	High Performance Time-Continuous Differential Sense Amplifier in Time Domain Sensing with 28 nm Technology for Automotive Applications	
	10:15-11:30	80	Fazal Noor	A Method to Detect Object's Width with Ultrasonic Sensor	
	11:30-11:45	115	Alireza Tajfar	A 20 A Sub-nanosecond Integrated CMOS Laser Diode Driver for High Repetition Rate SPAD-Based Direct Time-of-Flight Measurements	
12:00-13:30	Break: Lunch/Networking				Registration Desk
13:30-14:30	Keynote Speech-2: Professor Andrew Jones				GB.2.18/19
	Track-1: Computing and IT (Continued)				
14:30-15:45	Time	Paper ID	Presenting Author	Paper Title	GB.2.18/19
	14:30-14:45	110	Fahad Masood Siddiqui	Fog Computing Application for Effective Fronthaul Management in Fifth Generation Networks	
	14:45-15:00	53	Mahdi H. Miraz	Application of Blockchain in Booking and Registration Systems of Securities Exchanges	
	15:00-15:15	124	Safeullah Soomro	A Framework for Debugging Java Programs in a Bytecode	
	15:15-15:30	113	Yazeed Alkhurayyif	Using Sequential Exploratory Mixed Methods Design to Explore Readability of ISPs	
	15:30-15:45	116	Thomas Materdey	Time-Frequency Emotional Assessment of Speech using the Wigner Function	

14:30-15:30	Track-5: Pervasive Computing and Internet of Things				GB.2.13
	Time	Paper ID	Presenting Author	Paper Title	
	14:30-14:45	29	Ghulam E Mustafa Abro	Prototyping IOT Based Smart Wearable Jacket Design for securing the life of Coal Miners	
	14:45-15:00	55	Omar Al Hashimi	Epsilon Interactive Virtual User Manual (VUM)	
	15:00-15:15	114	Evanson Mwangi Karanja	Formal Specification for Internet of Things Malware	
15:15-15:30	122	Zainab Alansari	Internet of Things: Infrastructure, Architecture, Security and Privacy		
15:45-16:00	Break: Light Refreshment/Networking				Registration Desk
16:00-16:45	Track-6: Control Systems				GB.2.18/19
	Time	Paper ID	Presenting Author	Paper Title	
	16:00-16:15	17	Randika K. W. Vithanage	A detailed kinematic analysis of a commercial grade articulated industrial robot	
	16:15-16:30	109	Handong Li	Fuzzy control for Platooning systems based on V2V communication	
16:30-16:45	28	Randika K. W. Vithanage	Enhance 3D point cloud accuracy through supervised machine learning for automated rolling stock maintenance: A railway sector case study		
16:45-17:30	Track-7: Engineering Education and Sustainable Development				GB.2.18/19
	Time	Paper ID	Presenting Author	Paper Title	
	16:45-17:00	4	Md Rashidul Islam	Sustainable Design Parameters in Generation of Facilities Management Conceptual Model	
	17:00-17:15	6	Tasniah Hassan Nazifa	Diesel Oil Spill Remediation by Adsorption Using Magnetically Modified Activated Carbon in Marine Environment	
17:15-17:30	51	Md. Sajid Akbar	Face Recognition and RFID Verified Attendance System		
16:00-17:30	Track-8: General Track				GB.2.13
	Time	Paper ID	Presenting Author	Paper Title	
16:00-16:15	22	Xianfeng Xu	Time delay estimation of ultrasonic forward and reverse signals based on phase difference		

	16:15-16:30	73	Gazi Abu Raihan	Numerical Study of the Natural Convection in a Differentially Heated Rectangular Cavity	
	16:30-16:45	76	Abdullah Al Rafi	Analysis of Stress and Distortion in Heat Treatment of Different Steels	
	16:45-17:00	117	Aldias Bahatmaka	Verification of CFD method for meshing analysis on the propeller performance with OpenFOAM	
	17:00-17:15	118	Yongxing Zhang	Parametric Method using Grasshopper for Bulbous Bow Generation	
	17:15-17:30	123	Thomas Materdey	Resilience of the Mixed-State Wigner Function	
17:30-18:00	Conference Closing Closing Speech Distribution of Best Paper Awards				GB.2.18/19

Venue:

2nd Floor

Gateway Building (Please refer to the attached map)

University of Essex

Southend Campus

Southend-on-Sea, UK

Campus Map

