

6th International Conference on Emerging Topics in Computing 2023 (iCETiC '23)

17th - 18th August, 2023

University of Essex, Southend Campus, UK

iCETiC '23 Conference Programme

Day 1: 17th August 2023, Thursday

Time	Session	Session Details		
08:30-09:00	Registration et petit-déjeuner	Registration and Breakfast		
09:00-09:10	Opening & Intro to the Conference	Welcome address and presentation of conference statistics by the conference chairs - Professor Garfield Southall and Dr Maaruf Ali.		
09:10-10:10	Keynote Speech	Professor Andrew Ware, Professor of Computing, Faculty of Computing, Engineering and Science, University of South Wales, Trefforest, Pontypridd, Wales, UK.		
10:10-10:15	Award	AETiC Highly Cited Article Awards - Professor Andrew Ware		
10:15-11:15	Invited Speech	Dr Hoshang Kolivand, Reader in AI and Mixed Reality at Liverpool John Moores University, UK.		
11:15-11:30	Tea/Coffee Break	Mid-morning Refreshment and Networking		
11:30- 12:40	Track-1: AI, Expert Systems and Big Data Analytics, Session Chair: Garfield Southall			
	Time	Paper ID	Presenting Author	Paper Title
	11:30-11:50	5	Jinfeng Li	Physics-informed Machine Learning Assisted Liquid Crystals μ Wave Phase Shifters Design and Synthesis
	11:50-12:10	11	Manoj Kollan	Chaotic Chimp based African Vulture Optimization Algorithm with stability tests for feature selection algorithms
	12:10-12:30	12	Deexith Reddy	Event-Based Data Pipelines in Recommender Systems: The Data Engineering Perspective
	12:30-12:50	15	Hoshang Kolivand	Understanding MCI: A Comprehensive Examination with VR and EDA Perspectives
12:50-14:00	Collation	Lunch Break		

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Track-1: (Continued) AI, Expert Systems and Big Data Analytics, Session Chair: Dr Hoshang Kolivand				
14:00-15:00	Time	Paper ID	Presenting Author	Paper Title
	14:00-14:20	20	Alba Meça	Academic Integrity in the face of Generative Language Models
	14:20-14:40	30	Md. Motaharul Islam	DocBot: A System for Disease Detection and Specialized Doctor Recommendation Using Patient's Speech of Symptoms
	14:40-15:00	34	Maaruf Ali	Digitalisation Transformation in High Schools: Analysis of the COVID-19 Pandemic's Accelerating Impact
15:00-15:20	Tea/Coffee Break	Afternoon Refreshments and Networking		
Special Session: WIDA-USW Research, Session Chair: Andrew Ware				
15:20-17:00	Time	Paper ID	Presenting Author	Paper Title
	15:20-17:00	N/A	WIDA-USW PG Research Students and Postdocs	
17:00-18:30	Excursion	Visit to Southend Pier		
19:00-20:30	Gala	Conference Dinner		

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Day 2: 18th August 2023, Friday

Time	Session	Session Details		
09:30-10:00	Registration et petit-déjeuner	Registration and Breakfast		
10:00-11:00	Workshop	First Steps with The Wolfram Programming Language – Professor Garfield Southall, Professor Emeritus, University of Chester, UK		
11:00-11:20	Tea/Coffee Break	Mid-morning Refreshment and Networking		
11:20- 12:40	Track-2: Security, Session Chair: Maaruf Ali			
	Time	Paper ID	Presenting Author	Paper Title
	11:20-11:40	6	Iftekhar Salam	Cube Attacks on Round-Reduced Grain-128AEAD
	11:40-12:00	9	Vaishnavi Madhekar	A Literature Review of Various Analysis Methods and Classification Techniques of Malware
	12:00-12:20	18	Alba Meça	An exploration of Data Encryption Standard (DES)
	12:20-12:40	35	Dimitrios A Karras	On the Design and Performance Evaluation of Android Based Alarming Applications
12:40-14:00	Collation	Lunch		
	Track-3: Cloud, IoT and Distributed Computing, Session Chair: Iftekhar Salam			
	Time	Paper ID	Presenting Author	Paper Title
14:00- 15:40	14:00-14:20	19	Jia Uddin	Investigation of Air Effluence Using IoT and Machine Learning
	14:20-14:40	27	Piyush T/Mahdi H. Miraz	Patent Networks: An Analytical Approach to Investigating Technological Change and Corporate Strategy
	14:40-15:00	29	Md. Motaharul Islam	SocialEcho: A Social Networking Platform with Community Guidelines Violation Pre-check
	15:00-15:20	31	Md. Motaharul Islam	Green-IoT Based Automated Field Maintenance System
	15:20-15:40	40	Arman Hamzehlou Kahrizi	Validating the CIERT framework for Critical Incident and Emergency Response Training
15:40-15:50	Tea/Coffee Break	Afternoon Refreshment and Networking		
15:50-16:00	Awards & Closing	Declaration of Best Paper Awards and Closing Speech		

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Physical Venue:

Room # GB.2.13
2nd floor
Gateway Building
University of Essex
Southend Campus
Southend, UK.

Parking:

There are no parking facilities on site, although there are local car parks nearby. The closest is the car park opposite the University which is under South Essex College, payable by machine or an app <https://paybyphone.co.uk/>

Online Meeting Link:

Day 1:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGY0ODVhOGYtZDMxMi00YTEyLThkZDgtMGZkMjljZWYyOGQ3%40thread.v2/0?context=%7b%22Tid%22%3a%224e0f11f9-046e-4505-9cb8-db2152311e21%22%2c%22Oid%22%3a%22888179d9-2aa0-408d-986a-cd1a89cc1ffa%22%7d

Day 2:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2VmNjZlMTUtNjlmMS00M2l2LTk0OWItNzQwODhiNjUyNDIj%40thread.v2/0?context=%7b%22Tid%22%3a%224e0f11f9-046e-4505-9cb8-db2152311e21%22%2c%22Oid%22%3a%22888179d9-2aa0-408d-986a-cd1a89cc1ffa%22%7d