

ICICSE2021 PROGRAMME

17 th August 2021 (DAY 1)		
Time	Activity	Conference Link
09:00 – 9:30 am	Registration	Join Zoom Meeting https://us02web.zoom.us/j/89583985597?pwd=MThybklMbWNKWDF0YjVEbHI0ZG5XUT09 Meeting ID: 895 8398 5597 Passcode: 1FQUP2
09:30 – 9:45 am	Welcoming Speech by The General Chair	
09:45 – 10:00 am	Opening Speech by The Dean	
10:00 – 10:15 am	Officiating Speech by The Vice Chancellor	
10:15 – 10:25 am	Multimedia Presentation	
10:25 – 10:30 am	Photo Session	
10:30 – 10:45 am	Break	
10:45 am – 1:45 pm	Parallel Session SLOT 1	Session Chair: Mrs. YM Raja Azlina Raja Mahmood
	Parallel Session SLOT 2	Session Chair: Dr. Hazlina Hamdan
01:45 – 02:30 pm	Break	
02:30 – 03:30 pm	Keynote Speaker 1: Prof. Dr. Omer F Rana Cardiff University Topic: Artificial Intelligence (AI) at the Edge	Join Zoom Meeting https://us02web.zoom.us/j/87883435391?pwd=OWtUMWpReEIrVXNhMEV1Y0dNeGVQQT09 Meeting ID: 878 8343 5391 Passcode: eeETv8

18 th August 2021 (DAY 2)		
Time	Activity	Remarks
10:00 – 10:30 am	Registration	
10:30 – 11:30 am	Keynote Speaker 2: Prof. Ts. Dr. Zuriati Ahmad Zukarnain, UPM Topic : Embracing IoT with Blockchain Technology	Join Zoom Meeting https://us02web.zoom.us/j/85325886789?pwd=aHFFS1hiVWJQcVjazUvODdEcnozZz09 Meeting ID: 853 2588 6789 Passcode: r6zjVA
11:30 – 02:00 pm	Break	
02:00 – 04:00 pm	Parallel Session SLOT 3	Session Chair: Ts. Dr. Nurul Amelina Nasharuddin
	Parallel Session SLOT 4	Session Chair: Ts. Dr. Mohd Hafeez Osman
	Parallel Session SLOT 5	Session Chair: Dr. Mohd Izuan Hafez Ninggal
04:00 – 05:00 pm	Best Paper Announcement & Closing Ceremony by Conference Advisor	Join Zoom Meeting https://us02web.zoom.us/j/87051294517?pwd=L05rM2VFS1dOVUFTQzZJTWdOQ09BQT09 Meeting ID: 870 5129 4517 Passcode: DdfT2e

PARALLEL SESSION

Parallel Session SLOT 1: 10:45 am – 1:45 pm (17th August 2021)

Track: Computer Network and Distributed System (CNDS)

Session Chair: Mrs. YM Raja Azlina Raja Mahmood

No.	Paper ID	Time	Title of Paper	Author
1.	3	10.45 am	Performance High Availability in Software-Defined Network-Internet Protocol for Video Streaming	Vivi Monita , Rendy Munadi and Indrarini Dyah Irawati
2.	12	11.00 am	Quality of Experience for Video Content Selection (VCS) Delivery in Smartphone WiFi Networks	Muhamad Hanif Jofri , Ida Aryanie Bahrudin, Noor Zuraidin Mohd Safar, Juliana Mohamed and Abdul Halim Omar
3.	16	11.15 am	Design of L-Band Multiwavelength Laser for TDM/WDM PON Application	Nani Fadzlina Naim , Muhammad Amirul Hafiz Mohamed Hashim, Suzi Seroja Sarnin, Norsuzila Ya'Acob and Latifah Sarah Supian
4.	21	11.30 am	Evaluation Method of mesh protocol over ESP32 and ESP8266	Nur Azzurin Afie Azman and Adam Wong Yoon Khang
5.	28	11.45 am	Performance Analysis of Propagation in VHF Military Tactical Communication System	Azita Laily Yusof , Hafizi Halim, Norsuzila Yaacob and Nur Haidah Mohd Hanapiah
6.	31	12.00 pm	Performance Analysis on Multiple Device Connections of Small Office Home Office Network	Muhamad Nur Ashaari, Ruhani Ab Rahman, Murizah Kassim and Abd Razak Mahmud
7.	32	12.15 pm	Enhanced Bio Inspired Hybrid Algorithm for Efficient Resource Management in Fog Computing	Ahmad Alauddin Ariffin , Izuka Joseph Iheanacho and Sazlinah Hasan

8.	34	12.30 pm	An Experimental Study of the Server-based Unfairness Solutions for the Cross-Protocol Scenario of Adaptive Streaming over HTTP/3 and HTTP/2	Chanh Tran Minh , Tho Nguyen Duc, Tan Phan Xuan and Eiji Kamioka
9.	37	12.45 pm	CNDS: Crucial File Selection Strategy (CFSS) for Enhanced Download Response Time in Cloud Replication Environments	Fazlina Mohd Ali , Rohaya Latip, Azizol Abdullah and Hamidah Ibrahim
10.	46	1.00 pm	Task scheduling for multi-objective optimization in cloud computing: A Review	Abdulrahman M. Alrawi , Rohaya Latip and Idawaty Ahmad
11.	54	1.15pm	Delay-aware packet forwarding (DAPF) for route establishment in VANET	Mudathir Ahmed Mohamud and Fahrul Hakim Huyop

PARALLEL SESSION

Parallel Session SLOT 2: 10:45 am – 1:45 pm (17th August 2021)

Track: Artificial Intelligence and Big Data (AIBD)

Session Chair: Dr. Hazlina Hamdan

No.	Paper ID	Time	Title of Paper	Author
1.	1	10.45 am	Wavelet Transform and Neural Network Model for Streamflow Forecasting	Salimeh Malekpourheydari, Teh Noranis Mohd Aris, Razali Yaakob and Hazlina Hamdan.
2.	7	11.00 am	Recurrent Stroke Prediction using Machine Learning Algorithms with Clinical Public Datasets: An Empirical Performance Evaluation	Fadratul Hafinaz Hassan and Mohd Adib Omar.
3.	24	11.15 am	Crude Palm Oil (CPO) Price Prediction Model using Bayesian Network Probability	Masnida Hussin and Zurita Ismail.
4.	25	11.30 am	Efficiency of Decision Tree Algorithm to Detect Student Learning Style Based on Felder Silverman Model in Learning Management System	Amirah Rashid and Raja Rina Raja Ikram.
5.	36	11.45 am	Generative Adversarial Network for Imitation Learning from Single Demonstration	Tho Nguyen Duc , Chanh Tran, Tan Phan Xuan and Eiji Kamioka.
6.	39	12.00 pm	Fast Processing RNA-Seq on Multicore Processor	Jia Bin Lee, Nor Asilah Wati Abdul Hamid , Zurita Ismail and Mohamed Faris Laham.

7.	40	12.15 pm	A Study on The Awareness and Sentiment Towards Big Data Analytics Knowledge and Its Role among Malaysian Computer Science Students and Graduates	Iskandar Ishak , Wan Muhammad Najmi Mohd Najib and Fatimah Sidi.
8.	44	12.30 pm	Effective Solution of University Course Timetabling using Particle Swarm Optimizer based Hyper Heuristic approach (AIBD))	Zahid Iqbal, Rafia Ilyas, Chan Huah Yang and Naveed Ahmed.
9.	45	12.45 pm	Unifying The Evaluation Criteria of Many Objectives Optimization using Fuzzy Delphi Method	Rawia Tahrir Mohamad, Razali Yaakob , Rusli Abdullah and Nurfadhlina Mohd Sharef.

PARALLEL SESSION

Parallel Session SLOT 3: 2:00 – 4:00 pm (18th August 2021)

Track: Interactive Digital and Multimedia Application (IDMA)

Session Chair: Ts. Dr. Nurul Amelina Nasharuddin

No.	Paper ID	Time	Title of Paper	Author
1.	35	2.00 pm	Factors Influencing Behavioral Intention in Using Educational Video Sharing Site for Learning	Sazanah Md Ali , Ahmad Zamzuri Mohamad Ali and Roslinda Ramli
2.	48	2.15 pm	Design and Prototype Development of a Low-Cost Face-Touch Prevention Wearable for use During COVID19 Pandemic.	Nor Azlinah Md Lazam, Syaiful Anas Suhaimi and Noor Fadzillah Azman
3.	49	2.30 pm	Usability Evaluation of Effectiveness on Augmented Reality Basic Reading Courseware (AR BACA-MV-SindD) for Down Syndrome Learner	Roslinda Ramli , Sazanah Md Ali and Hafiza Abas

PARALLEL SESSION

Parallel Session SLOT 4: 2:00 – 4:00 pm (18th August 2021)

Track: Software Engineering & Information Systems (SEIS)

Session Chair: Ts. Dr. Mohd Hafez Osman

No.	Paper ID	Time	Title of Paper	Author
1.	8	2.00 pm	Clarifying Optimum Setting Temperatures and Airflow Positions for Personal Air Conditioning System on Flight	Yuna Matsumoto , Manami Kanamaru, Tan Phan Xuan and Eiji Kamioka.
2.	15	2.15 pm	Towards Multi-Agent Systems Specification Using π -Calculus	Abdesselam Redouane
3.	30	2.30 pm	IoT System on Dynamic Fish Feeder Based on Fish Existence for Agriculture Aquaponic Breeders	Muhammad Zulhelmi Zulkifli, Murizah Kassim , Norsuzila Ya'Acob and Shahrani Shahbudin.
4.	41	2.45 pm	Deep Learning Model for Web Service Classification	Yahya Al-Hattabi and Ainita Ban.

PARALLEL SESSION

Parallel Session SLOT 5: 2:00 – 4:00 pm (18th August 2021)

Track: Computer Security (CS)

Session Chair: Dr. Mohd Izuan Hafez Ninggal

No.	Paper ID	Time	Title of Paper	Author
1.	11	2.00 pm	Performance Analysis of AES, DES, And Blowfish Algorithms for Exchanged Data on Cloud Environment	Khadidja Abdrahmane Hamid Mahamat , Sazlinah Hasan and Ahmad Alauddin Ariffin.
2.	50	2.15 pm	Impact of Denial of Service (DoS) Attack on Firefly-Inspired Time Synchronization Mechanism for Self-Organizing Energy-Efficient Wireless Sensor Networks	Faisal Hassan and Zurina Mohd Hanapi.
3.	42	2.30 pm	IoT Security Issues in Low Power Networks	Muhammad Zunnurain Hussain , Muhammad Zulkifl Hasan, and Zurina Mohd Hanapi
4.	43	2.45 pm	Impact of Denial-of-Service Attack on Directional Compact Geographic Forwarding Routing Protocol in Wireless Sensor Networks	Nasrina M Samir , Maisarah Musni, Zurina Mohd Hanapi and Mohamed Ridzal Radzuan