

**THE 8<sup>th</sup> INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATICS 2021  
(ICOCI 2021)**

**PARALLEL SESSION SCHEDULE**

**Parallel Session A (1200 – 1300, Malaysia time zone GMT +8:00)**

<b>A1: Management &amp; Engineering of IT-enabled Services/IoT/Smart Technology</b>		
<b>Chair: Dr. Zahurin Mat Aji</b>		
<b>Webex link: <a href="http://bit.ly/icoci2021-sessionA1">http://bit.ly/icoci2021-sessionA1</a></b>		
<b>Event number: 158 344 8331 Password: icoci2021@my</b>		
<b>Time</b>	<b>PID</b>	<b>Title</b>
1200	33	Simulation and Modelling of Electricity Usage Control and Monitoring System Using ThingSpeak Nurhazwani Anang, Mohammad Safwan AB Hamid, Wan Mariam Wan Muda
1220	46	Community Perception on Smart Engagement: Case of Kubang Pasu Local Government Ku Ruhana Ku Mahamud, Noraziah Che Pa, Mohd Hasbullah Omar, Shamsuritawati Sharif, Farizan Salleh
1240	52	A Scoping Study on Lightweight Cryptography Reviews in IoT Ikenna Rene Chiadighikaobi, Norliza Katuk

<b>A2: Software Engineering &amp; Knowledge Engineering/Decision Support System</b>		
<b>Chair: Mr. Wan Hussain Wan Ishak</b>		
<b>Webex link: <a href="http://bit.ly/icoci2021-sessionA2">http://bit.ly/icoci2021-sessionA2</a></b>		
<b>Event number: 158 002 0786 Password: icoci2021@my</b>		
<b>Time</b>	<b>PID</b>	<b>Title</b>
1200	3	Refactoring Techniques for Improving Software Quality: A Practitioners' Perspectives Abdullah Almogahed, Mazni Omar
1220	4	Ontological Methodologies for Counselling Intervention: Do'a and Zikr Al-Māthur Corpus Roslina Othman, Siti Fatimah Mohd Tawil
1240	6	Knowledge-Based Decision Support System for Emergency Management: The Pandemic Framework Bahaa Ahmad Masmah, Azlinah Mohamed

<b>A3: Human-Computer Interaction/Multimedia Support &amp; Application</b>		
<b>Chair: Dr Asmidah Alwi</b>		
<b>Webex link: <a href="http://bit.ly/icoci2021-sessionA3">http://bit.ly/icoci2021-sessionA3</a></b>		
<b>Event number: 158 573 9075 Password: icoci2021@my</b>		
<b>Time</b>	<b>PID</b>	<b>Title</b>
1200	2	Identifying the Requirements of Visually Impaired Users for Accessible Mobile E-Book Applications Munya Saleh Ba Matraf, Nor Laily Hashim, Azham Hussain
1220	26	Preliminary Analysis of Web-Based Learning Interface Design Based on Experts' Verification for Higher Education Zuriana Abu Bakar, Fatin Sarah Salim, Nor Fatin Farzana Zainuddin, Noor Maizura Mohamad Noor, Rosmayati Mohamad
1240	43	A New Approach for Video Concept Detection Based on User Comments Maha Thabet, Mehdi Ellouze, Mourad Zaied

## Parallel Session B (1500 – 1700, Malaysia time zone GMT +8:00)

### B1: Optimization Algorithm/Intelligent Systems & Robotics

Chair: Dr. Mohamad Farhan Mohamad Mohsin

Webex link: <http://bit.ly/icoci2021-sessionB1>

Event number: 158 034 4490 Password: icoci2021@my

Time	PID	Title
1500	9	Artificial Intelligence in Automated Bookkeeping: A Value-Added Function for Small and Medium Enterprise Nurul Akmar Azman, Azlinah Mohamed, Amsyar Mohmad Jamil
1520	22	Hybrid K-Nearest Neighbour and Particle Swarm Optimization Technique for Divorce Classification Hayder Naser Khraibet Al-Behadili, Ku Ruhana Ku-Mahamud
1540	34	Arabic Speech Classification Method Based on Padding and Deep Learning Neural Network Asroni Asroni, Ku Ruhana Ku Mahamud, Cahya Damarjati, Hasan Basri Slamet
1600	41	Reinforcement Learning-Based Television White Space Database Armie Pakzad, Raine Mattheus Manuel, Jerrick Spencer Uy, Xavier Francis Asuncion, Joshua Vincent Ligayo, Lawrence Materum
1620	48	An Iterated Two-Steps Sinusoidal Pitch Contour Formulation for Expressive Speech Synthesis Izzad Ramli, Nursuriati Jamil, Noraini Seman
1640	51	An Improved Pheromone-Based Kohonen Self-Organizing Map in Clustering and Visualizing the Balanced and Imbalanced Datasets Azlin Ahmad, Rubiyah Yusof, Nor Saradatul Akmar Zulkifli, Mohd Najib Ismail

### B2: Social Analytics/E-Commerce/Computer Systems & Networking

Chair: Dr Juhaida Abu Bakar

Webex link: <http://bit.ly/icoci2021-sessionB2>

Event number: 158 709 2132 Password: icoci2021@my

Time	PID	Title
1500	11	Data Mining Techniques for Pandemic Outbreak in Healthcare Nur Izyan Suraya Abdul Satar, Azlinah Mohamed, Azliza Mohd Ali
1520	36	A Word Cloud Model Based on Hate Speech in an Online Social Media Environment Valentina Ibrahim, Juhaida Abu Bakar, Nor Hazlyna Harun, Alaa Fareed Abdulateef
1540	37	A Conceptual Model on Internet Banking Acceptance in China with Social Network Influence Guo Yi, Norziha Megat Mohd Zainuddin, Nur Azaliah Abu Bakar
1600	49	A Comparative Survey of Coding, Multiplexing, and Equalization Techniques Used in Coherent Optical Fiber Communications John Martin Ladrado, Emmanuel Trinidad, James Agustin Molina, Lawrence Materum
1620	53	Wireless Propagation Multipaths using Spectral Clustering and Three-Constraint Affinity Matrix Spectral Clustering Jojo Blanza
1640	54	An Improved K-Power Means Technique using Minkowski Distance Metric and Dimension Weights for Clustering Wireless Multipaths in Indoor Channel Scenarios Antipas Teologo Jr., Lawrence Materum

**B3: Cybersecurity/System & Network Security**

**Chair: Assoc. Prof. Dr Mohd Hasbullah Omar**

**Webex link: <http://bit.ly/icoci2021-sessionB3>**

**Event number: 158 013 3456 Password: icoci2021@my**

<b>Time</b>	<b>PID</b>	<b>Title</b>
1500	21	The impact of Fear and Rational Appeal Scam Techniques on Individual Susceptibility Siti Nurdiana Abu Bakar, Nur Haryani Zakaria
1520	30	Performance Evaluation of Intrusion Detection System using Selected Features and Machine Learning Classifiers Raja Azlina Raja Mahmood, AmirHossein Abdi, Masnida Hussin
1540	32	A Modified Symmetric Key Fully Homomorphic Encryption Scheme Based on Reed-Muller Code RatnaKumari Challa, VijayaKumari Gunta
1600	38	Identification of Factors Contributing to the Online Game Addiction Among Adolescents Wan Mohd Yusoff Wan Yaacob, Nur Haryani Zakaria, Zahurin Mat Aji
1620	44	A Comprehensive Review on Medical Image Steganography Based on LSB Technique and Potential Challenges Bushra Abdullah Shtayt, Nur Haryani Zakaria, Nor Hazlyna Harun