



The
British University
in Dubai



IEEE
Umatid Araa-Emirsties Section

ICCR-2025

3rd International Conference on Cyber Resilience

📅 July 3rd - 4th, 2025 | Dubai, UAE



C2PS
CENTER FOR CYBER-PHYSICAL SYSTEMS



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United Arab Emirates Section

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3rd International Conference on Cyber Resilience

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Day 1: Thursday, 3rd July 2025, Dubai Time

08:30 – 09:30	Registration
09:30 – 10:00	Networking & Breakfast
10:00 – 10:30	Prof. Khalid Almarri, Conference General Chair, British University in Dubai Opening and Welcome Address
10:30 – 10:45	Prof. Khaled Shaalan, Conference Chair, British University in Dubai
10:45 – 11:00	Speech: Dr. Hussam Al Hammadi, Vice Chair, IEEE UAE Section
11:00 – 11:40	Prof. Dr. Ainuddin Wahid Abdul Wahab IoT in GLAM: Navigating the Ethical and Security Landscape
11:40 – 12:20	Keynote Speech Mr. Khalid Karajeh Securing Operational Technologies (OT) to Protect Industrial Production
12:20 – 13:00	Keynote Speech Prof. Ts. Dr. Omar bin Zakaria Bridging the Human Firewall in Information Security Management Systems (ISMS)
13:00 – 13:15	Pictures
13:15 – 14:30	Lunch Break

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Hall 1 (Session 1)

1. **Paper ID 550: AI-Based Intrusion Detection for Securing Hospital IoT Devices: A Cybersecurity Framework**
Mohammed Hussain, Fatma Hussein, Dr. Halah Yaseen and Dr. Mohammed Salahat
2. **Paper ID 629: AI Driven Ensemble Learning for Attack Detection in IoT Security: A Systematic Review**
Ali Aburomman, Suleiman Y. Yerima, Mohammed Hassouna, Lain Alqatawneh and Khaled Shaalan
3. **Paper ID 633: Malicious Vulnerability Scanning Detection Using Ensemble-Based Machine-Learning and Explainability-Based Feature Selection**
Mohammed M. Alani
4. **Paper ID 285: Cyber security, an evaluation of key issues in the airline industry**
Kaitano Dube and Sisamkele Mdoda
5. **Paper ID 95: Speech Synthesis from EEG Signals Using Machine Learning Techniques**
Asmaa Chehab, Lina Benna, Maryam Al Sabaa, Sultan Alshehhi, Omar Al Hussein, Jamal Zemerly and Chan Yeun
6. **Paper ID 94: Enhancing Cyber Resilience: Innovations in AI-Driven Security and Digital Trust**
Turki Al Ali and Khuloud Alzarooni
7. **Paper ID 298: CAS Smart Waste Bin: A System for Efficient Recycling of Metal and Non-metal Waste**
Sham Wasseem Jnidy, Halah Yaseen, Yomna Shaker

Cybersecurity and AI applications

14:30 ~ 16:30



Auditorium, Block 11, First Floor

Session Chair:

Dr. Suleiman Y. Yerima

AI in Business, Industry, and Society

14:30 ~ 16:30



FF111, Block 11, First Floor

Session Chair:

Dr. Mohamed Yacine Haddoud

Hall 2 (Session 2)

1. **Paper ID 80: Key Considerations for Adopting Transformative M4.0 Technologies in Smart Manufacturing**
Ndala Yves Mulongo
2. **Paper ID 81: How Does Augmented Intelligence Affect South African Manufacturing Firms**
Ndala Yves Mulongo
3. **Paper ID 82: Optimisation of the Water Supply System through the Application of Augmented Intelligence**
Ndala Yves Mulongo
4. **Paper ID 103: Electronic Commerce in the ERA of Generative Artificial Intelligence**
Tamara Adel Al-Maaithah, Dirar Al-Maaithah, Basama Matar Rabia Bait Kamuna and Rasha Mohammad Rath'An Alraqqad
5. **Paper ID 430: How Artificial Intelligence Leads to Excellence in the Human Resource Department?**
Dirar Abdelaziz Al-Maaithah, Tamara Adel Al-Maaithah, Murtadha Bilal Yousuf Albahrani and Rasha Mohammad Rath'An Alraqqad
6. **Paper ID 707: The Impact of Green Marketing Mix on Brand Development among Telecommunications Companies in Jordan**
Ayman Mansour, Adel M. Qatawneh, Sajeda Alma'Abreh, Jassim Algasawneh, Mahmoud Karam Almahasneh, Mohammad Alqsass and Nada Alkhawajah
7. **Paper ID 435: Neuro-FinTech Framework for High-Frequency Trading Optimization Using Brain-Computer Interface (BCI)**
Sivasurya K, Dr. Kannan J., Gudapalli Karuna, Mohd. Abdul Naqi, Ammar H. Shnain and Suresh Patnaik Pakki