











3rd INTERNATIONAL CONFERENCE ON CYBER RESILIENCE ICCR-2025 (Hybrid)

British University in Dubai, July 3rd- 4th, 2025

















Ghazal leading projects

The International Conference on Cyber Resilience (ICCR 2025) marks the third edition of this esteemed conference series, dedicated to advancing knowledge and fostering collaboration in the field of cybersecurity. ICCR aims to unite leading academicians, scientists, researchers, and practitioners from around the globe to share innovative ideas and the latest advancements across a wide range of topics, including: Cybersecurity and AI, Digital Forensics, Cryptography, Steganography and Watermarking, Financial Technology Security, Cryptocurrency and Blockchain Security, Security Management, Business Security, Cybersecurity in Digital Health, Cyber Law, Policy and Strategy, Cybercrime and Cyber Harassment, and Cybersecurity in Smart Cities. The increasing reliance on digital technologies and the growing volume of sensitive information accessible via the Web, social media, and intranet services underscore the critical importance of cyber resilience. ICCR provides a platform for theoretical and practical discourse on the multifaceted aspects of cyber resilience. It is hosted by the British University in Dubai, Universiti Kebangsaan Malaysia, and Cyber Security Academia Malaysia, and in collaboration with strategic partners including Cyber Security Center of Dubai University, Center for Cyber-Physical Systems of Khalifa University, École Spéciale de Mécanique et d'Electricité, United Software and Technologies International, Skyline University College, Middel Technical University and Ghazal Leading Projects, reflecting their commitment to world-class scholarship, education, and research, and focus on innovation and leadership aligns perfectly with ICCR's goals, making them the ideal collaborators.

\\TOPICS

ICCR welcomes papers that pertain to the conference topics including but not limited to:

- Cybersecurity and AI Financial Technology Security
- Cybersecurity in Digital Health Digital Forensics
- Internet of Things

1st Day (Physically): The British University in Dubai

d Day (Virtually):

- Networking and communication
- **Autonomous Vehicles and Drones**
- Cybersecurity in Smart Cities \\ CONFERENCE VENUE
- Blockchain Technology Cyber Law, Policy, and Strategy

 - cryptography Metaverse Convergence Big Data and Data Analytics
 - e-Learning & m-Learning Systems
- Steganography and Watermarking

\\ IMPORTANT DATES

virtually.

Submission Deadline: June 15th, 2025 Registration Deadline: June 20th, 2025 Conference Date: July 3rd - 4th, 2025

\\ EVALUATION PROCESS

All submitted full papers will go

through a blind review process, and

each submitted article will be reviewed

author is supposed to register and

present the paper physically

three peer reviewers. After acceptance of the article, at least one

\\ PUBLICATION

The accepted papers will be published in proceedings and submitted for inclusion into IEEE Xplore subject to meet IEEE Xplore's scope and quality requirements.

\\ PAPER SUBMISSION

https://easychair.org/conferences/?con f=iccr20250

\\ ARTICLE FORMAT

All papers should follow IEEE manuscript https://www.ieee.org/conferences/publishing/te

FOR REGISTRATION, FEES, AND ADDITIONAL INFORMATION

Dr. Taher M. Ghazal +971507738486 taher.ghazal@ieee.org, Visit ICCR website: www.iccr.ac

|| CONFERENCE PATRONS

Online sessions via Conference Program.

Prof. Ernesto Damiani, Khalifa university, UAE Prof. Abdullah Al Shamsi, British University in Dubai, UAE.

GENERAL CHAIR

Prof. Khalid Almarri, British University in Dubai, UAE

|| CONFERENCE CHAIRS

Dr. Taher M. Ghazal, Universiti Kebangsaan Malaysia. Prof. Khaled Shaalan, British University in Dubai, UAE

TECHNICAL PROGRAM CHAIRS

Prof. Siti Norul Huda, Universiti Kebangsaan Malaysia. Prof. Mohammad Kamrul Hasan, Universiti Kebangsaan Malavsia.

Dr. Nidal A. Al-Dmour, Mutah University, Jordan.

Dr. Ali Q Saeed, Northern Technical University, Iraq.

Dr. Suleiman Yerima, British University in Dubai, UAE N PUBLIC RELATIONS COMMITTEE

Prof. Chan Yeob Yeun, Khalifa University, UAE. Prof. Rasha Kashef, Toronto Metropolitan University,

Dr. Ahmed Ibrahim, Western University, Canada. Dr. Mona El Helbawy, University of Colorado Boulder.

PUBLICATION COMMITTER Dr. Yousef Alhammadi, UAE University, UAE.

Dr. Fouzi Harrag, Ferhat Abbas University, Algeria.

Prof. Tarek Gaber, University of Salford, UK.

Prof. Alyaa Al-Attar, Northern Technical University, Iraq.

Dr. Usman Butt, Ajman University, UAE.

Dr. Taj-Aldeen Naser Abdali, University of Misan, Iraq.

Dr. Bashar Almansour, Muscat University, Oman. Dr. Majed Almotairi, Indiana Institute of technology, USA.

Prof. Ainuddin Wahid Bin Abdul Wahab, Universiti Malaya, Malavsia

Prof. Dr. Omar Zakaria, National Defence University of Malaysia. STEERING COMMITTEES

Prof. Eiad Yafi, University of Technology Sydney, Australia

Dr. Saadaldeen Rashid Ahmed, Bayan University, Iraq.

Prof. Ahmad Samed Al-Adwan, Al-Ahliyya Amman

Dr. Hussam Al Hamadi, Dubai University, UAE.

Prof. Fatma Taher, Zayed University, UAE.

Dr. Amer Ibrahim, UAE University, UAE.

Dr. Azza Basiouni, Liwa University, UAE.

Dr. Ritu Chauhan, Amity University, India.

University, Jordan,

Humanities, UAE.

MEDIA COMMITTEES

Dr. Munir Ahmad, Korea University, Republic of Korea.

Prof. Tariq Rahim Soomro, Institute of Business

Prof. Noor Zaman Jhanjhi, Taylor's University, Malaysia. Dr. Said Salloum, University of Salford, UK.

Dr. Ahmed Awad, British University in Dubai, UAE.

Dr. Khaled Ahmed Nagaty, British University in Egypt.

SCIENTIFIC COMMITTEES

Prof. Ts. Dr. Ainuddin wahid bin abdul wahab, Universiti Malaya. Dr. Nurul Nuha Abdul Molok, International Islamic University Malaysia.

Dr Mohit Vij, Liwa University, Abu Dhabi, UAE

Dr. Noormadinah Allias, Universiti Teknologi MARA, Malaysia.

Dr. Nor Masri sahri, Universiti Teknologi MARA, Malaysia.

Dr. Shuhaili Talib, International Islamic University Malaysia Dr. Cik Feresa Binti Mohd Foozy, Tun Hussein Onn University of Malaysia.

Dr. Anmar Alrawas, University of Nineveh, Nineveh, Iraq

Prof. Ts Dr Madihah Mohd Saudi, Universiti Sains Islam Malaysia Prof. Saif A. Alnawayseh, Mutah University, Jordan.

Prof. Sameh Ghwanmeh, American University in Emirates, UAE. Dr. Hrudaya Kumar Tripathy, Kalinga Institute of Industrial Technology, India.

Dr. Mohamed Karray, École Spéciale de Mécanique et d'Electricité, France.

Dr. Jesus Cuauhtemoc Tellez Gaytan, Tecnologico de Monterrey

Dr. Akram M Zeki, International Islamic University Malaysia.

Dr. Mohammed Salahat, University of Fujairah, UAE.

Dr. Safwan Maghaydah, Abu Dhabi University, UAE.

Dr. Sophia Rahaman, Manipal Academy of Higher Education Dubai, UAE

Dr. Abdallah M. Al-Tarawneh, Al-Ahliyya Amman University,

Dr. Iftikhar Naseer, Superior University, Pakistan.

Dr. Ahmed A. Elngar, Beni-Suef University, Egypt.

Dr. Adriana Burlea-Schiopoiu, University of Craiova, Romania.

Dr. Justyna Żywiołek, Asso, Czestochowa University of Technology, Poland.

Dr. Luis Miguel Cardoso, University of Coimbra, Portugal Prof. Pastor Reglos Arguelles JR, University of Perpetual Help System Dalta, Philippines.

Dr. Naila Samar Naz, National College of Business Administration & Economics, Pakistan,

Dr. Yousif Khalid Yousif, Northern Technical University, Iraq.

Dr. Atif Ikram, University of Lahore, Pakistan.

Dr. Safiullah Khan, Manchester Metropolitan University, UK.

Dr. Sabri Elkrghli, University of Benghazi, Libya.

Dr. Muhammad Asghar Khan, Institute of Business Management, Pakistan.

Dr. Nidhi Oswal, Liwa University, UAE.

Dr. Diego Oliva, University of Guadalajara, Mexico. Dr. Mohammed A. Al-Sharafi, King Fahd University of Petroleum and Minerals, KSA.

Dr. Abdalla Elnekiti, University of Wollongong in Dubai, UAE.

Dr. Wesam Alramadeen, Scranton University, USA. Dr. Salama A. Mostafa, Alnoor University, Iraq.

Dr. Oualid Ali, Applied Science University, Bahrain.

- Dr. Ammar Yaser Almansour, Oman College of Management and Technology, Oman.
- Dr. Muhammad Tahir Naseem, Yeungnam University, South Korea.
- Dr. Muhammad Waqas Nadeem, Universiti Tunku Abdul Rahman, Malaysia
- Dr. Muhammad Adnan Khan, Gachon University, South
- Dr. Kawkab Abdul Aziz Al Balushi, University of Technology and Applied Sciences, Oman.
- Dr. Nouh Elmitwally, Birmingham City University, UK. Dr. M Affan Badar, CPEM, Indiana State University, USA. Dr. Muhammad Asif, University of Education, Pakistan.
- Dr. Ateeq Ur Rehman, Gachon University, Republic of Korea.
- Dr. Atif Ali, Multimedia University, Malaysia. Dr. Sagheer Abbas, Prince Mohammad Bin Fahd University,
- KSA.
- Dr. Taleb Bilal Eli, University of Nouakchott, Mauritania.
- Dr. Umer Farooq, Lahore Garrison University, Pakistan.
- Dr. Saiu Mathew, Shri Nehru Maha Vidvalava College of Arts and Science, India.
- Dr. Falah Younis Hamode, Faculty of Computing and Information Technology, Oman
- Dr. Valentina E. Balas, University of Arad, Romania. Dr. Muhammad Saeed Khan, University of Sargodha,
- Pakistan. Dr. Marwah Alian. The World Islamic Sciences and
- Education University, Jordan.
- Dr. Aya M. Al-Zoghby, Damietta University, Egypt. Dr. Mahmoud Mahfuri, International University for Science and Technology, Syria.
- Dr. Muthmainnah S., Universitas Al Asyariah Mandar, Indonesia.
- Dr. Zdzislaw Polkowski, WSG University Bydgoszcz, Poland.
- Dr. Hanen Himdi, University of Jeddah, KSA. Dr. Ahmed J. Obaid, University of Kufa, Iraq.
- Dr. Mohamed Elsersy. Higher Colleges of Technology, UAE. Dr. Amhmed Bhih, College of Electronic Technology, Libya. Prof. Ibrahim Fathy Moawad, Taibah University, KSA.

Dr. Fahad Ahmed, National College of Business Administration & Economics, Pakistan.

Mr. Tauqeer Faiz, University of Wollongong, Dubai, Swinburne University of Technology, Australia.

Dr. Mohammed Hameed Ahmed Al-Taei, University of

Technology and Applied Sciences, Oman Dr. Subhi H. Hamdoon, Computer Science Department -

Education College, Alnoor University, Iraq Dr. Yasmeen Alshehhi, University of Technology and

Applied Sciences, Oman Mrs. Douha Mohamed Badralddin Saoud, University of

Technology and Applied Sciences, Oman Prof. Mahesh Luthia, Chetana's Institute of Management and

Research (CIMR), India. Dr. Hassanin M. Al-Barhamtoshy, King Abdulaziz University,

Dr. Nedaa Al Barghuthi, Higher Colleges of Technology, UAE

Dr. Hani Q. Al-Zoubi, Mutah University, Jordan. Dr. Karamath Ateeq, Skyline University College, UAE.

Dr. Waleed T. Al-Sit, Higher Colleges of Technology, UAE.

Dr. Liagat Ali, Regent College London, UK. Dr. Rania Itani, Murdoch University Dubai, UAE Prof. Tahir Alyas, Lahore Garrison University, Pakistan. Dr. Saed Mustafa, American University of Kurdistan, Iraq. Dr. Amer Hani Al-Qassem, Al Dhaid University Sharjah, UAE Dr. Raed A. Said, Canadian University of Dubai, UAE Dr. Mariam Alkalbani, Mohamed Bin Zayed University For

Dr. Shabib Aftab, Virtual University of Pakistan.

Dr. Walid Abushiba, Applied Science University, Bahrain.