




THE 5TH CYBERSECURITY EDUCATION & RESEARCH CONFERENCE

## Day 1: Sunday, 15 October 2023

Time in KWT	Topic	Speaker(s)
8:30 – 9:00	Preparation and Check-In	
<b>Opening Session</b> Location: Ground Floor Auditorium		
9:00 – 9:40	Opening Addresses: <ul style="list-style-type: none"> <li>• <b>Prof. Fayez Aldhafiri</b>, Acting President, Kuwait University</li> <li>• <b>Eng. Mohammad Abdulaziz Bouarki</b>, Head of National Cyber Security Center, Kuwait</li> <li>• Her Excellency <b>Mrs. Belinda Lewis</b>, His Majesty's Ambassador to the State of Kuwait</li> <li>• <b>Prof. Khalid Al-Begain</b>, President of Kuwait College of Science and Technology</li> </ul>	
9:40 – 10:10	Keynote Her Excellency <b>Mrs. Juliette Wilcox CMG</b> , UK Cyber Security Ambassador	
10:10 – 10:30	Coffee Break	
<b>Session 1A: ICS/SCADA Systems</b> Location: Ground Floor Auditorium		
<b>Session 1B: Digital Trust and Privacy</b> Location: 2 <sup>nd</sup> Floor Auditorium		
10:30 – 10:50	ICS/SCADA Systems <b>Prof. Siraj Shaikh</b> , Swansea University, UK	Digital Trust and the resurrection of the debate between Privacy and Safety via the UK's Online Safety Bill <b>Dr. Konstantinos Mersinas</b> , Royal Holloway, University of London, UK
10:50 – 11:10	Industrial Control Systems <b>Eng. Ali Al-Enezi</b> , National Bank of Kuwait, Kuwait	Cryptography and Blockchain Technology <b>Dr. Aydin Abadi</b> , University College London, UK
11:10 – 11:30	Enhancing Supply Chain Risk Management with OWASP CycloneDX and Dependency-Track <b>Mr. Faisal Albuloushi</b> , OWASP, Kuwait	Cybersecurity - Data leakage <b>Dr. Safaa Zamaan</b> , Kuwait University, Kuwait
11:30 – 11:50	Cybersecurity in Interconnected Critical National Infrastructure <b>Dr. Sridhar Adepu</b> , University of Bristol, UK	Digital Trust in the Era of AI & ML <b>Prof. Omer Rana</b> , Cardiff University, UK
11:50 – 12:20	Coffee Break	

	Session 2A: ICS/SCADA Systems Location: Ground Floor Auditorium	Session 2B: Digital Trust and Privacy Location: 2 <sup>nd</sup> Floor Auditorium
12:20 – 12:40	Embarking on the Digital Frontier: Insights and Guidelines from Our OT Cybersecurity Journey <b>Mr. Dhari Nashmi Al-Ajmi</b> , EQUATE, Kuwait	Digital Trust – The art and science of defining, protecting and testing key elements of your security posture <b>Mr. William Rimington</b> , Thomas Murray Co., UK
12:40 – 13:00	ICS/SCADA Systems and Cyber Security <b>Eng. Abdulaziz Alhumoud</b> , KIPIC, Kuwait	Data Privacy Legislation Across the GCC – A Comparative Analysis <b>Dr. Fatemah Alsewaid &amp; Dr. Shorouq Alansari</b> , PAAET/ Umm Alqura University, Kuwait/KSA
13:00 – 13:30	Discussion Panel: ICS/SCADA Systems Moderator: Dr. Sulaiman Alhasawi Panelists: Dr. Sridhar Adepu, Eng. Abdulaziz Alhumoud, Mr. Dhari Nashmi Al-Ajmi, Eng. Ali Al-Enezi	Discussion Panel: Digital Trust Strategy Moderator: Dr. Basil Alothman Panelists: Prof. Omer Rana, Mr. William Rimington, Dr. Shorouq Alansari, Dr. Konstantinos Mersinas
13:30 – 14:30	Lunch	
Session 3: Capacity Building Location: Ground Floor Auditorium		
14:30 – 14:50	Cyber Security Skill and Professionalization <b>Mr. William Theyer</b> , FCDO Gulf Cyber Lead, UK	
14:50 – 15:10	The Importance of Human Factors in Cybersecurity Training <b>Dr. Fai Mostafa Ben Salamah</b> , Cyfay, Kuwait	
15:10 – 15:30	OT Cyber Workforce Development - Building a Cyber capable OT workforce <b>Mr. Tim Harwood</b> , Siker Ltd., UK	
15:30 – 15:50	Online Safe Gaming and Spreading Awareness <b>Eng. Shaikha Al-Mashaykhi</b> , Oman Chamber of Commerce & Industry, Oman	

## Day 2: Monday, 16 October 2023

Time in KW (GMT)	Topic	Speaker(s)
8:30 – 9:00	Preparation and Check-In	
9:00 – 9:30	Keynote: Tech Policy Atlas and Protecting Citizens Online <b>Prof. Madeline Carr</b> , University College London, UK	
Session 4: Cyber Security Education ( Live Translation Provided )  Location: Ground Floor Auditorium		
9:30 – 9:50	Cybersecurity Integration in Curriculums <b>Eng. Mona Salem Awad</b> , MoE, Kuwait	
9:50 – 10:00	The Kuwait Cyber Security Scholarship Plan based on Kuwait Market Need. <b>Wafaa Alsarraf</b> , Ministry of Higher Education, Kuwait	
10:00 – 10:10	Cyber Security Operated Environment <b>Eng. Fawaz Al Hindi</b> , Civil Service Commission, Kuwait	
10:10 – 10:30	Phishing to Improve Detection <b>Sarah Ying Zheng</b> , University College London, UK	

10:30 – 10:50	Cyberpsychology <b>Eng. Tareq Alesmail</b> , Ministry of Foreign Affairs, Kuwait
10:50 – 11:10	Break
<b>Session 5: The Role of AI in Security</b> Location: Ground Floor Auditorium	
11:10 – 11:30	The Innovation Paradox: How AI-Enabled Crime-as-a-Service is Threatening Small Business Growth <b>Dr. Muhammad Azmat</b> , Aston University, UK
11:30 – 11:50	Importance of AI in Cyber Security <b>Prof. Shafiullah Khan</b> , Abdullah Al Salem University, Kuwait
11:50 – 12:10	Responsible AI – Shifting from Technical to Human-Centric Solutions <b>Mrs. Purvi Kay</b> , BAE Systems, UK
12:10 – 12:30	Break
<b>Session 6: IoT Security</b> Location: Ground Floor Auditorium	
12:30 – 12:50	Digital Trust Authentication Strategies for IoT Environments <b>Dr. Md Israfil Biswas</b> , Manchester Metropolitan University, UK
12:50 – 13:10	Zero trust continuous device authentication and multi-layer IoT attack detection <b>Prof. Raj Rajarajan</b> , City University of London, UK
13:10 – 13:30	AI-Enabled Cybersecurity Attacks and Countermeasures in IoT Environment <b>Dr. Fatimah Alakeel</b> , King Saud University, KSA
13:30 – 13:50	Security Analysis of the IoT-based Waste Management Information System (e-Farz) <b>Eng. Asmaa Fahad Al-Ateeq</b> , Kuwait University, Kuwait
13:50 – 14:00	Closing Remarks
14:00 – 15:00	Lunch