

## UK-Kuwait Cyber Security Education & Research Conference (CERC2024)

### Call for Abstracts

#### Conference Overview

The British Embassy in Kuwait and the UK Science & Innovation Network, in partnership with Kuwait's National Cyber Security Centre (NCSC), the Kuwait College of Science & Technology (KCST), Kuwait University (KU) and Kuwait Foundation for the Advancement of Sciences (KFAS) announce the sixth annual UK/Kuwait Cyber Security Education and Research Conference, CERC24. This year's event will take place by hosted by the Public Authority for Applied Education & Training (PAAET) and is scheduled for the **21-22 October 2024** with support for accommodating pre-recordings of speakers and pre-registered attendees.

The theme for this year's conference is:

#### **“The AI Frontier in Cybersecurity: Balancing Innovation, Ethics, and Privacy”**

Areas of focus will include:

- **The Role of Artificial Intelligence in Cybersecurity**
  - Adversarial machine learning
  - Ethics and privacy
  - Privacy-preserving AI
- **Securing the Internet of Things**
  - Smart homes and cities
  - Industrial applications
  - Integration and interoperability
  - IoT security and data privacy

- **Cyber Resilience and Incident Response**
  - Building Cyber Resilient Systems: Strategies for designing systems and networks that are not only secure but also resilient to attacks, ensuring business continuity.
  - Advanced Incident Response and Forensics: Latest methodologies and tools for effective incident response, including forensic analysis, to mitigate the impact of cyberattacks.
  - Global Cybersecurity Policies and Regulations: Examining the evolving landscape of cybersecurity policies, international cooperation, and regulatory frameworks for ensuring a secure cyberspace.
- **Cybersecurity in Educational Sectors**
  - Exploring ways to integrate educational components on cybersecurity into primary & secondary schools to create a more privacy-aware society.
  - Bridging the secondary-level and college-level part of academic curriculums concerned with cybersecurity and awareness.
  - Examining methods motivating students to participate in educational cybersecurity workshops.
  - Discussing ways to implement secure digital transformation within academic institutes.



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125 YEARS OF KUWAITI-BRITISH PARTNERSHIP

Other topics covered by this year's conference include but are not limited to:

- Information security policy
- 5G and wireless security
- Blockchains and Cryptocurrencies
- Big data and cloud computing security
- Smart city privacy technologies
- Post-quantum security and cryptography
- Formal security methods
- Social engineering attacks

The conference will incorporate government-to-government engagement, along with participation from industry and research sectors. The format for the conference will be set around a series of keynote talks, presentations and panel discussions from key UK and Kuwaiti stakeholders.

CERC2024 supports the Kuwait-UK Memorandum of Understanding on Cyber Security signed in 2018 which points to (amongst other areas) engagement in both education and research. The conference is a collaboration between UK government, led by the British Embassy in Kuwait, the UK National Cyber Security Centre (NCSC) and local partners across government and academia in Kuwait. Cyber security is a global issue and one that presents a threat to governments and industry alike. Kuwait and the UK are key strategic partners, and this conference will provide a platform to discuss bilateral areas of mutual interest and to identify scope for future collaborative activities.

The UK Government wishes to encourage UK researchers and industry sector leads to attend. Those wishing register an interested in presenting their research during the conference should include a **research abstract/presentation proposal** and **short biography** of the presenting applicant to British Embassy Programme Section (email: [info@cerc.kw](mailto:info@cerc.kw)) or use the [QR code below](#).



<https://forms.office.com/r/xmCuNMMu3c>

**Applications to present at CERC2024 should be submitted by 30<sup>th</sup> April 2024.**



KUWAIT COLLEGE OF SCIENCE & TECHNOLOGY  
كلية الكويت للعلوم والتكنولوجيا



المركز الوطني للأمن السيبراني  
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مؤسسة الكويت للتقدم العلمي  
Kuwait Foundation for the Advancement of Sciences