ICCWS 2022

17th International Conference on Cyber Warfare and Security
17-18 March 2022, Albany, USA

Mini Track on Cyber Security Threats in Smart Systems and Innovative Technologies

Mini Track Co Chairs: **Dr. Jawad Hussain Awan**, University of Sindh, Jamshoro, Pakistan & **Dr Elena Sitnikova** UNSW Canberra, Australia

According to Global Risks Report 2021 (WEF, 2021), likely risks to be faced over the next ten years inlcude digital power concentration, digital inequality, cyber security failure, the growing ratio of cyber risks and breakdown of Smart infrastructures. The purpose of this mini-track is to bring together experts including academics and industrialists working or interested in the field of cyber security, cyber situational awareness and risk assessment research with interests in modern technologies such as Internet of Vehicles, Internet of Things, Malware/Intruder detection and prevention technologies, Smart environments and cyber physical systems.

Topics of interest include, but are not limited to:

- Cyber-attack predication
- Cyber risk assessment and impact analysis
- Cyber security strategies and security for cyber physical systems
- Digital forensics approaches to cope with cybercrimes
- Cyber situational awareness to cope with cyber-attack
- Case studies of cyber-security incidents including cyber-attacks
- Security threats in Internet of Vehicles and Internet of Things

Dr. Jawad Hussain Awan is a member of IFIP WG 9.10: ICT Uses in Peace and War, and an active researcher with the Global Foundation for Cyber Studies and Research Group. His research interests are ICT, Data Science, Cyber security, Security challenges in Smart and Physical Systems. He has published his research in several national and international research journals. He is the member of Editorial Review Board of a number of journals including of IEEE Access, Egyptian Journal of Informatics and the Journal of Information Warfare. He performed his duties as Committee member in ICCWS 2019, 2020, 2021 and 2022. He is also Microsoft Certified Professional in Web Programming, and has won research awards with the collaboration of HEC, Pakistan and the British Council. He also worked as Lab Manager, Lecturer, and Research Fellow.

Dr Elena Sitnikova is an academic at UNSW Canberra. She is a global research leader in Critical Infrastructure protection currently focusing on intrusion detection for SCADA systems cybersecurity, cyber-physical systems and industrial IoT(IIoT). Her research explores systems resilience and the use of artificial intelligence in the analytics of abnormal data that may affect critical systems. She is one of the first Australians to be certified in Certified Secure Software Lifecycle Professional (CSSLP). Elena is holding a Senior Fellowship of the Higher Education Academy(SFHEA) and Australian Office for Learning and Teaching(OLT) Team Citation award for Outstanding Contributions to Student Learning.

Submission Details

In the first instance a 300 – 350-word abstract is required, to be received by the **25th August 2021**. Please read the guidelines at http://www.academic-conferences.org/policies/abstract-guidelines-for-papers/

Submissions must be made using the online submission form at http://www.academic-conferences.org/conferences/iccws/iccws-abstract-submission/

If you have any questions about this track please email: jawad.awan@scholars.usindh.edu.pk or e.sitnikova@adfa.edu.au

See more about ICCWS 2022 at http://www.academic-conferences.org/conferences/iccws