CALL FOR PAPERS

ICCWS'21

IEEE International Conference on Cyber Warfare and Security (ICCWS)
23rd - 25th November, 2021
Air University E-9 Islamabad, Pakistan

National Centre for Cyber Security (NCCS), in collaboration with IEEE Islamabad Section is organizing a three days international conference, i.e. ICCWS-2021. Researchers and professionals around the World are invited to share their original research ideas and experiences related to the developments as well as the emerging areas of Cyber Security. ICCWS-2021 will include high-quality and focused technical program with keynote talks from prominent industry and academia experts. The conference will also feature an attractive Lab-to-Market Event aimed at industry practitioners, vendors, start-ups and local cyber security companies.

TOPICS OF INTERESTS

Submissions are solicited in the following areas and others closely related topics:

- Networks and infrastructure security
- Hardware and systems security
- Operating systems and software security
- Web, Big data and Cloud security
- Distributed systems and data centre security
- Security and privacy for embedded systems, IoT and Cyber Physical Systems
- Information security, data provenance, and information assurance
- Cryptology, cryptanalysis and security analysis of cryptographic primitives and protocols
- Prevention, detection and investigation of APTs, DDoS and other cyber attacks
- Anti-malware techniques: detection, analysis, and prevention
- Artificial Intelligence aided security and privacy concerns
- (Adversarial) Machine learning and cyber deception
- (Anti-) Reverse engineering, side channel attacks and physical attacks
- Protection of digital services and applications
- Digital forensics, social media, networks, computer and mobile forensics
- Automated security analysis of protocols, source code and binaries
- Security, Privacy, and Trust in Digital Payments and Crypto-currencies
- Security and privacy issues in Blockchain
- Security, privacy and resilience in critical infrastructures
- Testing, auditing and evaluation of security architectures and models
- Security issues in 5G Networks and Beyond
- Security for future Internet architectures and designs
- Measurements and monitoring of human behaviour in cyberspace
- Interdisciplinary research connecting cyber security and privacy to psychology
- Usable security and privacy: human and societal aspects
- Cybercrime defense (anti-phishing, anti-blackmailing, anti-fraud, etc.) techniques
- Policy making and legal aspects of cyber security (cyber laws and regulations)

IMPORTANT DATES

Submission Deadline: ~~31st August, 2021~~
14th September, 2021

Acceptance Notification: ~~1st October, 2021~~
29th October, 2021

HOW TO SUBMIT PAPERS

Please visit at:
https://nccs.pk/conference/ICCWS-2021-Guidelines