International Workshop on Cyber-Physical Systems Security and Privacy (CP3SP)

https://icnetlab.org/cyber-science2023/dasc/index.html

Aims and Scope:

The expanding Internet of Things (IoT) has significant implications for Cyber-Physical Systems (CPSs), which are already used in Industry 4.0, eHealth, smart cities and homes, transportation, infrastructure, robots, drones, and autonomous vehicles. While CPSs enhance manufacturing, services, and quality of life, they also create new physical, cybersecurity, and privacy vulnerabilities. Implementing strong security and privacy measures is crucial to leveraging the benefits of CPSs while mitigating their risks.

International Workshop on Cyber-Physical Systems Security and Privacy (CP3SP) aims to address security concerns in Cyber-Physical Systems (CPSs) and explore cutting-edge security methods through strategic and technical perspectives. This workshop is a unique opportunity for researchers from academia, business, security professionals, and related fields to share their latest challenges, achievements, goals, and findings on tactical and technological security issues in one place. The workshop will cover various subjects, including but not limited to:

— Applications of Artificial Intelligence (AI) in Cyber-Physical Systems (CPSs) security
— Steganography and watermarking techniques for CPSs to improve security
— The use of blockchain techniques to enhance security in CPSs and IoT
— Methods for detecting and preventing cyber-attacks on IoT networks
— Intrusion detection and prevention systems for CPSs and IoT networks
— Trustworthiness evaluation in CPSs and IoT networks
— Ethical and legal considerations of CPSs and IoT device security
— Approaches to secure data collection, analysis, and management
— Identifying, assessing, and mitigating security risks
— Training and awareness approaches to improve cybersecurity
— Strategies for preventing and responding to cybersecurity incidents
— Applications of privacy enhancement techniques in CPSs and IoT

Key Dates:

— Paper submission: August 15, 2023
— Notification deadline: September 15, 2023
— Camera Ready: September 30, 2023

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