ICICC-2022
5th International Conference on Innovative Computing and Communication
Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India
On 19-20 February 2022.

*************** CALL FOR PAPERS ***************

SPECIAL SESSION ON
AI and Blockchain-Enabled Secure and Privacy-Preserving Air and Ground Smart Vehicular Networks

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)
[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:
This session invites high quality research papers in the field of security and privacy preservation of air and ground Smart Vehicular Networks (SVNs) using state-of-the-art technologies such as AI and blockchain. Works on UAVs/Drones, Intelligent Transportations Systems (ITS), Internet of Vehicles(IoV) and VANETs which focus on developing novel authentication mechanisms, lightweight security frameworks, and low computation schemes based on AI and blockchain techniques are highly encouraged for submission to this workshop.

RECOMMENDED TOPICS:
Topics to be discussed in this special session include (but are not limited to) the following:
- Unsupervised and supervised learning strategies for securing air and ground SVNs
- Responsible data-driven AI for air and ground vehicle security
- Cyberattack classification and detection strategies for air and ground SVNs using advanced AI techniques
• AI-enabled intrusion detection strategies for the security of air and ground SVNs
• Novel AI, machine learning, and deep learning-based anomaly detection schemes for air and ground vehicular network security
• Reinforcement learning-based security schemes for air and ground SVNs
• Transfer learning and Reinforcement learning for VANET and UAV-Network (UAV-NET) security
• AI-based VANET and UAV-NET security schemes against adversarial machine learning attacks
• Generative Adversarial Network (GAN) inspired intrusion detection schemes for VANETs and UAV-NETs
• Privacy-preserving machine learning techniques for air and ground SVNs
• FGPA prototyping of AI-based VANET and UAV-NET security strategies
• AI-based security, encryption, and privacy for intelligent air and ground vehicles
• Blockchain-based trust management schemes for air and ground SVNs
• Lightweight and privacy-preserving consensus mechanism for securing blockchain-based air and ground SVNs
• Blockchain-based authentication schemes for air and ground SVNs
• Novel blockchain-based air and ground SVN frameworks
• AI and blockchain-enabled security and privacy-preserving schemes for air and ground SVN

**SUBMISSION PROCEDURE:**
Researchers and practitioners are invited to submit papers for this special theme session on [session name] on or before [15th October 2021]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://icicc-conf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify [AI and Blockchain-Enabled Secure and Privacy-Preserving Air and Ground Smart Vehicular Networks] at the top (above paper title) of the first page of your paper.

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