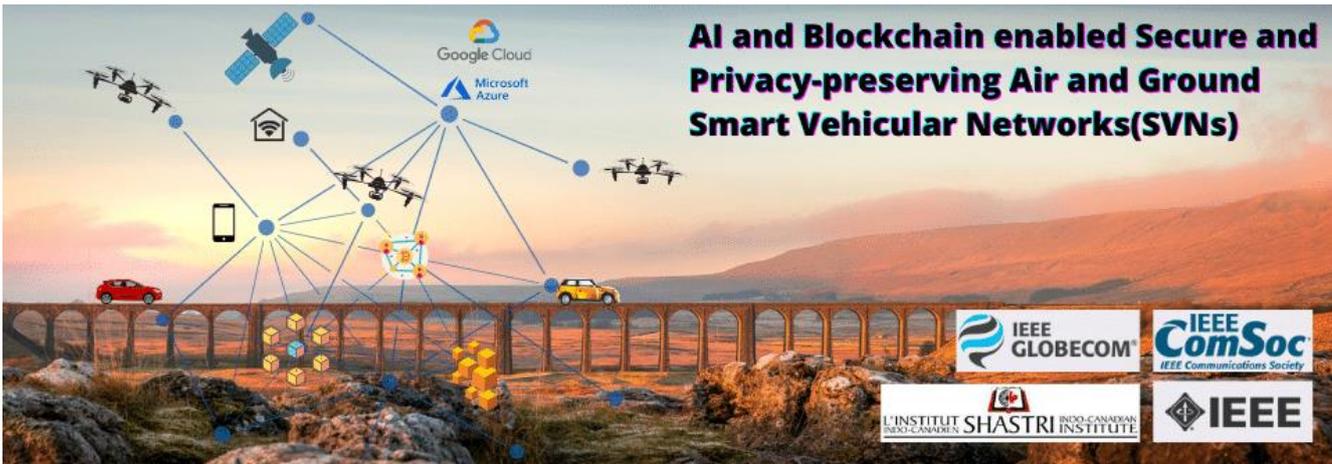


## IEEE GLOBECOM 2021 Workshop on:

### AI and Blockchain-Enabled Secure and Privacy-Preserving Air and Ground Smart Vehicular Networks (SVNs)



This workshop 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. The workshop scope includes the following (but not limited to) topics:

- 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
- 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 SVNs
- 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
- GAN inspired intrusion detection schemes for VANETs & UAV-NETs
- Privacy-preserving machine learning techniques for air and ground SVNs
- FPGA 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 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

#### Co-Chairs/ Organizing Committee

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#### Important Dates:

**Submission:** 5 July 2021, **Notification:** 15 Aug. 2021, **Camera ready:** 15 September 2021