

Workshop: Safety, Security & Privacy in Intelligent Transportation Systems

Recent years have seen the rapid development of intelligent transportation systems to improve the safety, mobility, and solve other transportation problems. Emerging technologies, such as edge intelligence, internet of things, cloud computing, 5G has enabled endless applications in intelligent transportation systems, which will be one of the backbones of future smart cities. Despite these attractive benefits and applications, the safety, security and privacy issues can be a severe threat to the sustainable development of intelligent transportation systems. This workshop invites research papers focusing on the safety, security and privacy of intelligent transportation systems. The proposed topics include but are not limited to the following:

1. Safety, security, and privacy frameworks of vehicular, railway, and air transportation
2. Safety and fault detection of intelligent transportation systems
3. Privacy of data collection, transmission, and analysis in intelligent transportation systems
4. Security and privacy in V2V, V2I, and V2X
5. Cyber attack detection and suppression in intelligent transportation systems
6. Threat models and attack strategies of intelligent transportation systems

Workshop Chair:

Heng Li,
PhD, Associate Professor,
Central South University

Kai Gao,
PhD, Associate Professor,
Changsha University of Science and Technology