

Special Issue

Recent Advances in Security and Privacy of Vehicle Networking

Message from the Guest Editors

Advancements in wireless networks, particularly vehicular networks (VNs), have driven a focus on smart and secure communication in such networks. The exchange of information between vehicles and the central cloud necessitates approaches such as Vehicle to Vehicle (V2V) and Vehicle to Cloud (V2C) communication. These communications rely on various factors: V2V depends on network topology, communication protocols, and data security, while V2C leverages cloud computing methods, data analysis techniques, and a secure centralized notification system. Due to the multi-layered structure of vehicular networks, these networks are particularly vulnerable to attacks, especially when critical traffic safety information is shared without proper security measures. This Special Issue aims to enhance the security of vehicular network systems and address the challenges of user data privacy and traffic safety. It supports the development of robust and secure vehicular systems through the latest technologies, such as cloud computing and the Internet of Vehicles (IoV).

Guest Editors

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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