

Special Issue

IoT Applications for Connected and Autonomous Electric Vehicles

Message from the Guest Editor

The objective of this Special Issue is to seek high-quality submissions supporting the deployment of IoT applications for CAEVs. The topics of interest include, but are not limited to:

- Efficient design of IoT applications for CAEVs;
- Architecture design for integrating IoT and CAEVs;
- Efficient management for CAEVs-related IoT application data;
- Resource allocation in IoT applications for CAEVs;
- AI or machine-learning technologies in IoT applications for CAEVs;
- Blockchain technology in IoT applications for CAEVs;
- Edge or fog computing in IoT applications for CAEVs;
- Efficient data sharing for communications between IoT devices and CAEVs;
- Security protocols for securing communications between IoT devices and CAEVs;
- Security and privacy risk assessment for deploying IoT applications into CAEVs;
- Design of secure intra-vehicle, inter-vehicle and cross-domain communications for CAEVs;
- Privacy challenges in the settings of IoT applications for CAEVs;
- Security verification related to CAEVs;
- Design of security protocols for CAEVs;
- Edge computing in IoT applications for CAEVs.

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2023)



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About the Journal

Message from the Editor-in-Chief

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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